

01614424 Supplier Number: 48318985 (THIS IS THE FULLTEXT)
**Viisage Technology, Inc. to Implement Facial Recognition System For
Illinois Secretary of State**
PR Newswire, p0226NYTH123
Feb 26, 1998

TEXT:

LITTLETON, Mass., Feb. 26 /PRNewswire/ -- Viisage Technology, Inc. (Nasdaq: VISG), announced a contract to install its proprietary facial recognition identification system for the Illinois Secretary of State, Driver Services Department. This will be the world's first system using computerized search and matching of facial images for enhanced security of drivers' licenses and the world's largest-ever biometric identification application using facial images as a primary identification tool.

Under the multi-year contract, the Secretary of State and Driver Services Department will use the system to enhance database security and help ensure against issuing fraudulent licenses. The department also plans to enable Illinois State Police to access the system for a variety of applications geared towards combating fraud and improving personal security.

George H. Ryan, Illinois Secretary of State, said, "This system will be used to help guard against the **issuance** of fraudulent **drivers' licenses**, an important first-step in preventing a wide variety of fraud related crimes including **identify** theft and **financial** fraud. What makes the Viisage system unique is its ability to search large databases for duplicate facial images and look-alikes in a matter of seconds. The system can also be used for identity verification."

Bob Hughes, Viisage President and CEO, said, "We are excited about working with the Illinois Secretary of State on this important project. Our facial recognition software represents a quantum leap in technology for reducing fraud and improving security and convenience. Viisage was selected by Illinois, one of the largest drivers licensing systems in the U.S., in June 1997 to provide Illinois drivers with new, secure licenses. This new project will help to further enhance the security of one of the state's largest and most important databases."

Viisage Technology develops and implements turnkey digital identification systems and solutions intended to deter fraud, reduce customers' identification program costs and improve security and personal convenience. The Company combines its systems integration and software design capabilities with its proprietary software and hardware products and other best-in-class products to create complete customized solutions.

Viisage products are currently operating at more than 800 locations. Applications can include systems and cards for national ID's, driver's licenses, social services, voter registration, law enforcement, corrections, healthcare, **financial** services, retail and access control. Viisage is also commercializing patented facial recognition technology for the real-time **identification** and verification of individuals. Viisage Technology is on the World Wide Web at <http://www.viisage.com>.

This news release may contain forward-looking statements that involve risks and uncertainties. Forward-looking statements in this document and those made from time to time by the Company through its senior management are made pursuant to the Safe Harbor Provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements concerning future plans or results are necessarily only estimates and actual results could differ materially from expectations. Certain factors that could cause or contribute to such differences include, among other things, potential fluctuations in quarterly results, the size and timing of award and performance on contracts, dependence on large contracts and a limited number of customers, lengthy sales and implementation cycles, changes in management estimates incident to accounting for contracts, availability and cost of key components, market acceptance of new or enhanced products and services, proprietary technology and changing technology, competitive conditions, systems performance, management of growth, dependence on key personnel and general economic and political conditions and other factors affecting spending by customers.

For more information on Viisage, via fax at no charge, dial
1-800-PRO-INFO and enter ticker symbol VISG.

SOURCE Viisage Technology, Inc.

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2/26/98

/CONTACT: Bill Marshall, Chief Financial Officer of Viisage
Technology, 978-952-2212; or Doug Delieto, general, or Klea Theoharis,
investors, or Alicia Nieva-Woodgate, media, all of The Financial Relations
Board, 212-661-8030/

/Web site: <http://www.viisage.com/>
(VISG)

CO: Viisage Technology, Inc.
ST: Massachusetts, Illinois
IN: ARO CPR
SU:

SR

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0040362

American Banker - July 1, 1985, Monday; Pg. 11
SECTION HEADING: NEWS MONDAY
WORD COUNT: 208

BYLINE:
Tom Ferris

TEXT:

Cash Station Inc., the shared ATM network based in Chicago, has approved a five-year contract with First National Bank of Chicago for the bank to continue to provide the network's switch.

The Bank of Newport in Rhode Island has joined the Cirrus System Inc., the national ATM network. Cirrus coverage will be expanded to Rhode Island when Bank of Newport's six automated teller machines are connected to the network.

First City Bancorp. in Houston has combined its credit card and debit card activities into a single unit within its retail banking operation. The new unit includes the holding company's automated teller machine network, credit cards, point-of-sale program, and other electronic consumer financial services.

Frontier Fernhandel AG of Berne, Switzerland, is distributing an electronic **authenticator** that it says protects videotex systems against hackers.

Sunwest **Bank** in Albuquerque, N.M., has started a **point -of- sale** program in that city with 37 retailers. The nine-month test lets customers use Sunwest debit cards to pay for goods and services in stores.

The Taylor Murphy Institute, a research arm of the University of Virginia's business school, is conducting an investigation on credit card overbilling on behalf of the state government. The study was spurred by consumer suspicions about overbilling.

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COMPANY NAMES (DIALOG GENERATED): Bank of Newport ; Cash Station Inc ;
Cirrus System Inc ; First City Bancorp ; First National Bank of Chicago ;
Frontier Fernhandel AG ; Sunwest Bank ; Taylor Murphy Institute ;
University of Virginia

03572195 Supplier Number: 47392328 (THIS IS THE FULLTEXT)

MASTERCARD: Competing banks collaborate during first implementation of SET interoperability

M2 Presswire, pN/A

May 19, 1997

TEXT:

M2 PRESSWIRE-19 May 1997-MASTERCARD: Competing banks collaborate during world's first implementation of Secure Electronic Transaction (SET) interoperability (C)1994-97 M2 COMMUNICATIONS LTD

RDATE:160597

* MasterCard extends reach of Internet pilots

The next chapter in the development of secure electronic commerce was opened today by MasterCard International when China Trust Commercial Bank and Citibank completed the world's first successful test of interoperability between banks. MasterCard expects that cardholders of seven members in Taiwan will be able to enjoy the convenience and security of making purchases via the Internet by the end of this year.

At the launch event, MasterCard's VP for Electronic Commerce Thomas Pouliot explained that Taiwan is well on the way to opening up on-line shopping for everyday purchases. With more than 50 cyber malls already up and running, merchants in this fast growing and highly competitive market have identified genuine consumer interest in this new channel. The introduction of SET will increase consumer and merchant confidence in on-line transactions using MasterCard.

Commenting on the two Taiwan banks' entrepreneurial effort, Pouliot said: "The Internet's reach is global, for it knows no time zones or physical boundaries. On the level playing field of the Internet, entrepreneurial start-ups can compete with global conglomerates."

Today's breakthrough means that shoppers in the virtual world will enjoy greater choice in shopping destinations now that banks can securely exchange credit card data to complete on-line purchases and inter-bank settlement.

Mr Roland Cheung, Citibank Taiwan's Country Chief for Credit Cards, was the first Citibank MasterCard cardholder to make a cross-bank SET today via the MasterCard payment gateway and an IBM supported infrastructure in Taiwan. He first applied for a digital certificate provided by GTE, MasterCard's preferred on behalf digital certificate issuer, via the Internet. The digital certificate which contains encrypted information on cardholder's identity became his on-line passport. He then made an on-line **purchase** for a CD at China Trust's merchant. Through the digital certificate system, the merchant was only presented with cardholder's **purchase** request, not his cardholder details. Mr Cheung's MasterCard issuing **bank** then **authenticated** his identity for the merchant by his digital certificate. The Citibank merchant then accepted Mr Cheung's payment request and the transaction was completed. The whole cross bank SET was completed on a real-time basis.

Cheung said that with the implementation of inter-bank SET, MasterCard cardholders from different banks will not be limited by the number of its issuing banks cyber merchants when making purchases on the net. They could make purchases at different cyber malls as secure and convenient as they are making purchases at different shops and different shopping malls in real life that accepts MasterCard.

Charles Lo, Senior Vice President of China Trust Commercial Bank believes that electronic commerce is a high growth potential area. There are currently over four 40 million Internet users in the world. Taiwan alone has some 800,000 accounts. He said that the bank will make available to all its cardholders the convenience and security of making SET compliant cyber purchases by October.

J.B. Chiang, IBM Taiwan's General Manager for Banking said that the implementation of the world's first cross bank SET compliant transaction not only indicates Taiwan's leadership in terms of technology and human resources, it is also a milestone for Taiwan's digital economy. He expects that the age of network computing will soon arrive where transactions are completed on a real time basis regardless of geographical boundaries.

SET is an global standard for electronic commerce security which benefit cardholders, issuers and merchants.

MasterCard International is a pioneer in the electronic commerce arena. On December 30th 1996, the association conducted the world's first SET in Denmark with PBS and IBM. In April 1997, the association conducted Asia Pacific's first SET in Japan with UC Card. It is expected that 300 merchants and 100,000 cardholders will participate in the UC Card program by the end of this year. Next month, MasterCard will launch its next Asian SET pilot in Singapore.

About MasterCard International MasterCard International, a payments company with one of the world's most recognized brands, is dedicated to helping more than 23,000 financial institutions around the world offer consumers a variety of payment options. MasterCard remains focused on helping shape the future of money by expanding acceptance of its global brands (MasterCard, Maestro and Cirrus, the world's largest ATM network) and maintaining reliable, secure networks facilitating global value exchange. MasterCard has 404 million credit and debit cards that are accepted at more than 1.3 million acceptance locations worldwide. In 1996, gross dollar volume generated exceeded US\$550 billion. MasterCard can be reached through its World Wide Web set at <http://www.mastercard.com>.

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 File 757: Mirror Publications/Independent Newspapers 2000-2003/Aug 07
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Set	Items	Description
S1	5558	((FINANCIAL(W)INSTITUTION? ?) OR BANK? ? OR (CREDIT(W)CARD-(W) (COMPAN??? OR ISSUER? ?))) (9N) (AUTHENTICAT????)
S2	34548716	1
S4	15903156	1 AND PY<1998
S5	1230	S1 AND PY<1998
S6	791	RD (unique items)
S7	619	S1 (S) (CONNECT???? OR PURCHAS??? OR POS OR (POINT(2W) SALE-))
S8	76	S7 AND S6

Searched through

ADR

8/7/2003

Set	Items	Description
S1	322	PASSPORT (7N) ISSU????
S2	283	((ID (W) CARD) OR (IDENTIFICATION (W) CARD) OR (DRIVE??? (W) LICENSE-)) (7N) ISSU????
S3	282	RD (unique items)
S4	271	S3 NOT S1
?		

DIALOG

148, 9, 132, 342, 351, & 6 searched

? show files

File 340:CLAIMS(R)/US Patent 1950-03/Jul 29

(c) 2003 IFI/CLAIMS(R)

File 342:Derwent Patents Citation Indx 1978-01/200328

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File 345:Inpadoc/Fam.& Legal Stat 1968-2003/UD=200330

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File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)

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File 348:EUROPEAN PATENTS 1978-2003/Jul W03

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File 351:Derwent WPI 1963-2003/UD,UM &UP=200349

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File 654:US PAT.FULL. 1976-2003/Jul 31

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? ds

Set Items Description

S1 11 AU=(SAITO, H? OR SAITO H? OR NAGUMO, T? OR NAGUMO T? OR MORI, K? OR MORI K?) AND (PASSPORT? ? OR PASS()PORT? ?)

? t1/3,k/all

1/3,K/1 (Item 1 from file: 340)

DIALOG(R)File 340:CLAIMS(R)/US Patent

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10044617 2001-0044775

E/ PASSPORT TRANSACTION APPARATUS, PASSPORT TRANSACTION METHOD, AND PASSPORT TRANSACTION SYSTEM

Inventors: MORI KATSUYOSHI (JP); NAGUMO TOMOE (JP); SAITO HIROYUKI (JP)

Assignee: Fujitsu Ltd JP

Assignee Code: 32608

	Kind	Publication Number	Date	Application Number	Date
Priority Applic:	A1	US 20010044775	20011122	US 98199566	19981125
				JP 98207885	19980723

PASSPORT TRANSACTION APPARATUS, PASSPORT TRANSACTION METHOD, AND PASSPORT TRANSACTION SYSTEM

Inventors: MORI KATSUYOSHI ...

... NAGUMO TOMOE ...

... SAITO HIROYUKI

Abstract: When issuance of a **passport** is examined within each of the **passport** transaction apparatuses and the **passport** center, each of the **passport** transaction apparatuses orchestrates the **passport** center so as to determine whether the **passport** is to be issued or not using data for **passport** transaction inputted by the applicant. When issuance of the **passport** is permitted, an image of the applicant is acquired at each of the **passport** transaction apparatuses, and a **passport** with the image and contents of description for a **passport** is issued on the spot. Thus the process for **passport** transaction can be made faster and also a workload to an applicant can be reduced.

Exemplary Claim: D R A W I N G

Inventor Name
Search(411)
all patents result

1. A **passport** transaction apparatus connected to a resident's database storing therein identification data of the residents and also connected to a center which executes an examination for issuance of **passports** through a communication line, said apparatus comprising: a communication unit for communicating with said center; an image input unit for inputting an image of the applicant for a **passport**; a display unit for displaying a guidance for the procedure for the **passport** transaction; a data input unit for inputting data for the application according to the procedure for **passport** transaction displayed on said display unit; a sign input unit for inputting a sign of...
...using said communication unit and orchestrates said center so as to determine whether the applied **passport** is to be issued or not based on the identification data for the applicant which...
Non-exemplary Claims: 2. A **passport** transaction apparatus connected through a communication line to a center which executes an examination for issuance of **passports** as well as to a resident's database which stores identification data of residents for providing services for issuing **passports** to applicants, said apparatus comprising: a communication unit for communicating with said center and with...
...s database; an image input unit for inputting an image of an applicant for the **passport**; a display unit for displaying a guidance for the procedure for the **passport** transaction; a data input unit for inputting data for the application according to the procedure for **passport** transaction displayed on said display unit; a sign input unit for inputting a sign of...
...by using said communication unit and orchestrates said center so as to determine whether the **passport** is to be issued or not based on the transmitted data...
...3. A **passport** transaction apparatus connected to a center which provides the data for issuance of a certificate for an applicant and executes examination for issuance of **passports** for processing **passport** transactions through communication with the center via a communication line, said apparatus comprising: a communication...
...image of the applicant; a display unit for displaying a guidance for the procedure for **passport** transaction; a data input unit for inputting data for **passport** transaction according to the procedure displayed on said display unit; a printer unit for printing the image inputted by the image input unit and contents of the **passport** on a **passport** paper prepared previously; an issuer unit for issuing a **passport** obtained by printing with said printer unit; and a control unit for controlling the communications...
...by said display unit, data input by said data input unit and issuance of a **passport** by said issuer unit; wherein said control unit sends the data inputted by each of...
...center using said communication unit and orchestrates said center so as to determine whether the **passport** is to be issued or not, when it is determined that the **passport** is to be issued, makes the printer unit print the image of the applicant inputted by said image input unit and contents of the **passport** onto a **passport** paper prepared previously, and makes the issuer unit issue the **passport** obtained by printing...
...4. A **passport** transaction apparatus according to claim 3 further comprising a **passport** data input unit for inputting the contents of an

issued **passport** as data; wherein said control unit orchestrates, when reissuing a **passport**, said display unit and said data input unit so as to amend the data required for application of the **passport** of data inputted from the **passport** data input unit...

...5. A **passport** transaction apparatus according to claim 4; wherein said **passport** data input unit reads the image of an issued **passport** recognizes the characters in the read image in order to input the data

...

...6. A **passport** transaction apparatus according to claim 3 further comprising: a receipt issuer unit for issuing a receipt authorization data for checking an applicant when a **passport** is issued to the applicant; and a storage unit for storing therein authorization data printed...

...the authorization data is inputted by the data input unit, as to whether the applied **passport** is to be issued or not by verifying the authorization to the storing unit, and when it is determined that the applied **passport** is to be issued, prints the image of the applicant inputted by said image input unit and contents of the **passport** on a **passport** paper previously prepared using the printer unit and issues the **passport** obtained by printing using said issuing unit...

...7. A **passport** transaction apparatus according to claim 3; wherein said image input unit is a digital camera...

...8. A **passport** transaction apparatus according to claim 3 further comprising a voice outputting unit for providing guidance for procedure of **passport** transaction with voice; wherein said control unit outputs messages previously prepared with voice according to progress of procedure of **passport** transaction by controlling said voice outputting unit...

...9. A **passport** transaction apparatus according to claim 3; wherein said display unit is a display unit based...

...10. A **passport** transaction apparatus according to claim 3 further comprising: a direct payment unit for payment of a charge for **passport** application with cash; wherein said control unit controls input of cash and change by controlling...

...11. A **passport** transaction apparatus according to claim 3; wherein said communication unit is connected to a center...

...payment unit connected to a center of a financial institution for processing a charge for **passport** application through communication between said communication unit and said financial institution, and said control unit...

...12. A **passport** transaction apparatus according to claim 3; wherein said control unit reads out, when issuing a...

...13. A **passport** transaction apparatus according to claim 3; wherein said data input unit executes data input from a storage medium storing therein data required for **passport** transaction...

...14. A **passport** transaction apparatus for processing **passport** transaction with a storage medium which stores the data required for issuance of **passports** and the data for identifying the applicants for the **passports**, said apparatus comprising: an image input unit for

inputting an image of the applicant; a...

- ...said storage medium; a display unit for displaying a guidance for the procedure for the **passport** transaction; a data input unit for inputting data for **passport** transaction according to the procedure for **passport** transaction displayed on said display unit; a printer unit for printing an image inputted by said image input unit and the contents of the **passport** onto a **passport** paper previously prepared; an issuer unit for issuing a **passport** obtained by printing with said printing unit; a control unit for controlling the communications by...
- ...by said reader unit, data input by said data input unit and issuance of a **passport** by the issuing unit; wherein said control unit determines whether the applied **passport** is to be issued or not based to the data read out by said reading unit, and when it is determined that the **passport** is to be issued, prints the image of applicant inputted by said image input unit and contents of the **passport** printed onto a **passport** paper previously prepared using the printing unit and issues the **passport** obtained by printing using the issuing unit...
- ...15. A **passport** transaction apparatus according to claim 14 further comprising a **passport** data input unit for inputting the contents of an issued **passport** as data; wherein said control unit orchestrates, when reissuing a **passport**, said display unit and said data input unit so as to amend the data required for application of the **passport** of data inputted from the **passport** data input unit...
- ...16. A **passport** transaction apparatus according to claim 15; wherein said **passport** data input unit reads the image of an issued **passport** recognizes the characters in the read image in order to input the data...
- ...17. A **passport** transaction apparatus according to claim 14 further comprising: a receipt issuer unit for issuing a receipt authorization data for checking an applicant when a **passport** is issued to the applicant; and a storage unit for storing therein authorization data printed...
- ...the authorization data is inputted by the data input unit, as to whether the applied **passport** is to be issued or not by verifying the authorization to the storing unit, and when it is determined that the applied **passport** is to be issued, prints the image of the applicant inputted by said image input unit and contents of the **passport** on a **passport** paper previously prepared using the printer unit and issues the **passport** obtained by printing using said issuing unit...
- ...18. A **passport** transaction apparatus according to claim 14; wherein said image input unit is a digital camera...
- ...19. A **passport** transaction apparatus according to claim 14 further comprising a voice outputting unit for providing guidance for procedure of **passport** transaction with voice; wherein said control unit outputs messages previously prepared with voice according to progress of procedure of **passport** transaction by controlling said voice outputting unit...
- ...20. A **passport** transaction apparatus according to claim 14; wherein said display unit is a display unit based...

Search Report from Ginger R. DeMille

- ...21. A **passport** transaction apparatus according to claim 14 further comprising: a direct payment unit for payment of a charge for **passport** application with cash; wherein said control unit controls input of cash and change by controlling...
- ...22. A **passport** transaction apparatus according to claim 14; wherein said communication unit is connected to a center...
...payment unit connected to a center of a financial institution for processing a charge for **passport** application through communication between said communication unit and said financial institution, and said control unit...
- ...23. A **passport** transaction apparatus according to claim 14; wherein said control unit reads out, when issuing a...
- ...24. A **passport** transaction apparatus according to claim 14; wherein said data input unit executes data input from a storage medium storing therein data required for **passport** transaction...
- ...25. A **passport** transaction apparatus according to claim 14; wherein said storage medium is an IC card...
- ...26. A **passport** transaction method applicable to a system in which a system is connected via a communication...
...for issuance of a certificate to an applicant and executing examination for issuance of a **passport** for processing **passport** transaction ... checking an applicant; a second step of accessing said center and determining whether the applied **passport** is to be issued or not by using the data inputting in the first step...
...third step of inputting, when it is determined in the second step that the applied **passport** is to be issued, an image of the applicant; and a fourth step of printing the image of the applicant and contents of description on the **passport** inputting in the third step onto **passport** paper previously prepared, and issuing the **passport** obtained by printing...
- ...27. A **passport** transaction apparatus applicable to a system for processing **passport** transaction with a storage medium storing therein data required for issuance of **passports** as well as data for identifying applications for **passports** comprising: a first step of reading out data required for issuance of a **passport** from the storage medium and data for identifying an applicant; a second step of determining whether the applied **passport** is to be issued or not according to the data read out in the first...
...third step of inputting, when it is determined in the second step that the applied **passport** is to be issued, an image of the applicant; and a fourth step of printing the image of the applicant and contents of description on the **passport** inputted in the third step and issuing the **passport** obtained by printing...
- ...28. A **passport** transaction system comprising: a center accessibly connected to a first database storing therein data for issuing certificates to applicants, registering data for issuance of **passports** in a second database, and executing examination for issuance of **passports**; and at least one **passport** transaction apparatus connected via a communication line to said center for processing **passport** transaction by communicating with said center; wherein said **passport** transaction apparatus comprises a communication unit for communicating

with said center; an image input unit for inputting an image of the applicant for a **passport** ; a display unit for displaying a guidance for the procedure for **passport** transaction; a data input unit for inputting data for **passport** transaction according to the contents of procedure displayed on the display unit; a printer unit...

...printing the image inputted by the image input unit and contents of description on the **passport** onto a **passport** paper previously prepared; an issuer unit for issuing the **passport** obtained by printing with said printing unit; and a control unit for controlling the communications...

...by said display unit, data input by said data input unit and issuance of a **passport** by said issuer unit; while the control unit accesses the center using the communication unit, asks the center to make determination as to whether the applied **passport** is to be issued or not according to the data inputted by the data input unit, and when it is determined that the applied **passport** is to be issued, has an image of the applicant inputted by the image input unit and contents of description of the **passport** onto **passport** paper previously prepared and the **passport** obtained by printing issued with the issuing unit; and the center verifies the data inputted by the data input unit according to a request from the **passport** transaction apparatus to the first and second databases respectively by way of communication with the communication unit and returns a replay as to whether each applied **passport** is to be issued or not according to a result of verification
...

...29. A **passport** transaction system according to claim 28; wherein said image input unit and communication unit are...

...30. A **passport** transaction apparatus according to claim 28; wherein said **passport** transaction apparatus further comprises an voice input unit for inputting a voice and a voice...

...31. A **passport** transaction system according to claim 28; wherein said **passport** transaction apparatus further comprises a direct payment unit for processing a charge for **passport** application with cash, and said control unit controls receipt of cash and changes by controlling
32. A **passport** transaction system according to claim 28; wherein said **passport** transaction apparatus further comprises an indirect payment unit connected with the communication unit via a communication line to a center of a financial institution for processing a charge for **passport** application through communication between the communication unit and the financial institution, and the control unit...

...33. A **passport** transaction system comprising: a first center having a first database with data required for issuance of certificates for applicants registered therein; a second center for registering data for issuance of **passports** in a second database and also executing examination for issuance of **passports** ; and at least one **passport** transaction apparatuses each connected via a communication line to the first and second centers for processing **passport** transaction by communicating with the first and second centers; wherein said **passport** transaction apparatus comprises: a communication unit for communicating with the first and second centers; an image input unit for inputting an image of an applicant for a **passport** ; a display unit for providing guidance with displays of contents of procedure for **passport** transaction; a data input unit for inputting data for **passport** transaction according to the contents of procedure displayed on the

display unit; a printing unit...

...printing the image inputted by the image input unit and contents of description of the **passport** onto **passport** paper previously prepared; an issuing unit for issuing a **passport** obtained by printing with the printing unit; and a control unit for providing controls over...

...displays by the display unit, data input by the data input unit, and issuance of **passports** by the issuing unit; while the control unit accesses the first and second centers respectively using the communication unit, verifies an applicant for a **passport** according to the data inputted with the data input unit, makes determination as to whether an applied **passport** is to be issued or not, and when it is determined that the applied **passport** is to be issued, has the image of the applicant inputted by the image input unit and contents of description on the **passport** printed with the printing unit onto **passport** paper previously prepared and also has the **passport** obtained by printing issued with the issuing unit; the first center verifies the data inputted...

...the data input unit according to a request for verification of an applicant for a **passport** from the **passport** transaction apparatus to the first database by way of communication with the communication unit and...

...verifies the data inputted by the data input unit according to a request from the **passport** transaction apparatus by way of communicating with the communication unit to the second database and returns a replay according to a result of verification as to whether the applied **passport** is to be issued or not...

...34. A **passport** transaction system according to claim 33; wherein said image input unit and communication unit are...

...35. A **passport** transaction apparatus according to claim 33; wherein said **passport** transaction apparatus further comprises a voice input unit for inputting a voice and a voice...

...36. A **passport** transaction system according to claim 33; wherein said **passport** transaction apparatus further comprises a direct payment unit for processing a charge for **passport** application with cash, and said control unit controls receipt of cash and changes by controlling...

...37. A **passport** transaction system according to claim 33; wherein said **passport** transaction apparatus further comprises an indirect payment unit connected with the communication unit via a communication line to a center of a financial institution for processing a charge for **passport** application through communication between the communication unit and the financial institution, and the control unit...

1/3,K/2 (Item 1 from file: 342)

DIALOG(R)File 342:Derwent Patents Citation Indx
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04131579 WPI Acc No: 00-184804/17

Passport transaction apparatus for processing passport right from its application to its issuance in batch has control unit for transmitting data inputted by each of input units to center using communication unit -

Patent Assignee: (FUIT) FUJITSU LTD

Author (Inventor): SAITO H ; NAGUMO T ; MORI K

Patent (basic)

Search Report from Ginger R. DeMille

Patent No Kind Date Examiner Field of Search
EP 981120 A2 000223 (BASIC)
Derwent Week (Basic): 0017
Priority Data: JP 98207885 (980723)
Applications: JP 98207885 (980723); EP 98309782 (981130)
Designated States
(Regional): AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LT; LU; LV; MC; MK; NL; PT; RO; SE; SI
Derwent Class: P76; T01
Int Pat Class: B42D-015/10; G06F-017/60
Number of Patents: 002
Number of Countries: 026
Number of Cited Patents: 003
Number of Cited Literature References: 000
Number of Citing Patents: 000

Author (Inventor): SAITO H ...

... NAGUMO T ...

... MORI K

1/3,K/3 (Item 1 from file: 345)

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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15707588

Basic Patent (No,Kind,Date): JP 2000037976 A2 20000208 <No. of Patents:
004>

DEVICE AND METHOD FOR TRADING PASSPORT AND PASSPORT TRADING SYSTEM (
English)

Patent Assignee: FUJITSU LTD

Author (Inventor): SAITO HIROYUKI; NAGUMO TOMOE; MORI KATSUMI

IPC: *B42D-015/10; G06F-017/60

Derwent WPI Acc No: *G 00-184804;

Language of Document: Japanese

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
EP 981120	A2	20000223	EP 98309782	A	19981130
EP 981120	A3	20000426	EP 98309782	A	19981130
JP 2000037976	A2	20000208	JP 98207885	A	19980723 (BASIC)
US 20010044775	AA	20011122	US 199566	A	19981125

Priority Data (No,Kind,Date):

JP 98207885 A 19980723

Dialog File: Inpadoc/Fam.& Legal Stat_1968-2003/UD=200330

1/3,K/4 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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06452404 **Image available**

DEVICE AND METHOD FOR TRADING PASSPORT AND PASSPORT TRADING SYSTEM

PUB. NO.: 2000-037976 [JP 2000037976 A]

PUBLISHED: February 08, 2000 (20000208)

INVENTOR(s): SAITO HIROYUKI
NAGUMO TOMOE

MORI KATSUMI

APPLICANT(s): FUJITSU LTD
APPL. NO.: 10-207885 [JP 98207885]
FILED: July 23, 1998 (19980723)

DEVICE AND METHOD FOR TRADING **PASSPORT** AND **PASSPORT** TRADING SYSTEM

INVENTOR(s): **SAITO HIROYUKI**
NAGUMO TOMOE
MORI KATSUMI

ABSTRACT

PROBLEM TO BE SOLVED: To simplify the **passport** trading, speed up the trading all through from the application of **passport** to the issuance of the **passport** and save troubles for an applicant.

SOLUTION: In case of judgement of the **passport** issuance between **passport** trading devices 1A-1-1A-N and a **passport** center 6, whether the issuance of a **passport** is granted or not is judged by the **passport** center 6 using a data regarding the **passport** trading input from an applicant is judged by respective **passport** trading devices 1A-1 1A-N. In respective **passport** trading devices 1A-1-1A-N, images of the applicant are input in the case of being granted, and **passports** on which image and **passport** filling contents are printed are issued on the spot.

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1/3,K/5 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01405833

Intermediate transfer recording medium and method for image formation
Zwischenmedium fur Ubertragungsaufzeichnungsverfahren und Bebilderungsverfa
hren

Medium intermediaire pour le marquage par transfert, et procede de
formation d'image

PATENT ASSIGNEE:

DAI NIPPON PRINTING CO., LTD., (281137), 1-1, Ichigaya-Kaga-Cho 1-chome
Shinjuku-ku, Tokyo 162-01, (JP), (Applicant designated States: all)

INVENTOR:

Kita, Tatsuya, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Saito, Hitoshi, Dai Nippon Printing Co., Ltd. , 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Oshima, Katsuyuki, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Kometani, Shinji, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Yamazaki, Masayasu, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Odamura, Kouzou, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Imai, Takayuki, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Ishida Tadahiro, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Takasaki, Etsuo, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

LEGAL REPRESENTATIVE:

Muller-Bore & Partner Patentanwalte (100651), Grafinger Strasse 2, 81671
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1188570 A2 020320 (Basic)

APPLICATION (CC, No, Date): EP 2001121668 010913;

PRIORITY (CC, No, Date): JP 2000279135 000914; JP 2000386026 001219; JP
200177085 010316; JP 2001116713 010416

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: B41M-003/12; B41M-005/025; B41M-005/035

ABSTRACT WORD COUNT: 272

NOTE:

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LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200212	1709
SPEC A	(English)	200212	35656
Total word count - document A			37365
Total word count - document B			0
Total word count - documents A + B			37365

INVENTOR:

... JP)

Saito, Hitoshi, Dai Nippon Printing Co., Ltd ...

...SPECIFICATION be used. Regarding the shape of the object, for example,
any of cards, postal cards, **passports**, letter paper, report pads,
notebooks, catalogs, cups, and cases may be used.

Second invention

When...be used. Regarding the shape of the object, for example, any of
cards, postal cards, **passports**, letter paper, report pads, notebooks,
catalogs, cups, and cases may be used.

Specific applications of...

1/3,K/6 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01267251

Protective layer transfer sheet

Schutzschichtubertragungsblatt

Feuille de transfert , couche protectrice

PATENT ASSIGNEE:

DAI NIPPON PRINTING CO., LTD., (281137), 1-1, Ichigaya-Kaga-Cho 1-chome
Shinjuku-ku, Tokyo 162-01, (JP), (Applicant designated States: all)

INVENTOR:

Usuki, Hideki, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Moriguchi, Satoshi, Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

Saito, Hitoshi, Dai Nippon Printing Co., Ltd. , 1-1, Ichigaya-Kaga-cho
1-chome, Shinjuku-ku, Tokyo-to, (JP)

LEGAL REPRESENTATIVE:

Muller-Bore & Partner Patentanwalte (100651), Grafinger Strasse 2, 81671
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1092562 A1 010418 (Basic)

APPLICATION (CC, No, Date): EP 121348 001010;

Search Report from Ginger R. DeMille

PRIORITY (CC, No, Date): JP 99292919 991014
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: B41M-007/00; B41M-005/38; B41M-005/40
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CLAIMS A	(English)	200116	405
SPEC A	(English)	200116	5896
Total word count - document A			6301
Total word count - document B			0
Total word count - documents A + B			6301

INVENTOR:

... JP)

Saito, Hitoshi, Dai Nippon Printing Co., Ltd ...

...SPECIFICATION plastic films and the like. The substrate may be in any form of cards, postcards, **passports**, letter papers, report pads, notes, catalogues and the like. The substrate may have on its...

1/3,K/7 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01121069

Passport **transaction apparatus**, passport **transaction method**, and passport **transaction system**

Vorrichtung und Verfahren zur Ausgabe eines Reisepasses

Dispositif et methode pour la fabrication d'un passeport

PATENT ASSIGNEE:

FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States: all)

INVENTOR:

Saito, Hiroyuki, c/o Fujitsu Terminal Systems Ltd., 8-3, Tonyamachi 1-chome, Maebashi, Gunma 371-0855, (JP)

Nagumo, Tomoe, c/o Fujitsu Terminal Systems Ltd., 8-3, Tonyamachi 1-Chome, Maebashi, Gunma 371-0855, (JP)

Mori, Katsuyoshi, c/o Fujitsu Terminal Systems Ltd, 8-3, Tonyamachi 1-Chome, Maebashi,gunma 371-0855, (JP)

LEGAL REPRESENTATIVE:

Hitching, Peter Matthew et al (74871), Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 981120 A2 000223 (Basic)
EP 981120 A3 000426

APPLICATION (CC, No, Date): EP 98309782 981130;

PRIORITY (CC, No, Date): JP 98207885 980723

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-017/42

ABSTRACT WORD COUNT: 114

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CLAIMS A	(English)	200008	2593
SPEC A	(English)	200008	16551
Total word count - document A			19144
Total word count - document B			0
Total word count - documents A + B			19144

Passport transaction apparatus, passport transaction method, and
passport transaction system
INVENTOR:

Saito, Hiroyuki, c/o Fujitsu Terminal Systems Ltd ...
...JP)

Nagumo, Tomoe, c/o Fujitsu Terminal Systems Ltd ...

...JP)

Mori, Katsuyoshi, c/o Fujitsu Terminal Systems Ltd ...

...ABSTRACT A2

When issuance of a **passport** is examined within each of the **passport** transaction apparatuses (1A-1 to 1A-N) and the **passport** center (6), each of the **passport** transaction apparatuses orchestrates the **passport** center so as to determine whether the **passport** is to be issued or not using data for **passport** transaction inputted by the applicant. When issuance of the **passport** is permitted, an image of the applicant is acquired at each of the **passport** transaction apparatuses, and a **passport** with the image and contents of description for a **passport** is issued on the spot. Thus the process for **passport** transaction can be made faster and also a workload to an applicant can be reduced.

SPECIFICATION The present invention relates to a **passport** transaction apparatus, a **passport** transaction method and a **passport** transaction system for processing a **passport** right from its application to its issuance in batch.

Nowadays in Japan, 10 million or...

...is called as borderless society. To go abroad, each person is required to have a **passport**, and to apply for a **passport**, it is necessary to get certificates (resident card, a copy (an abstract) of the resident...
...census register) directly or by mailing from a local government office.

When applying for a **passport**, an applicant is required to file his own photograph, and some document for identifying himself...

...as a driver's license). A photograph can easily be taken, for instance, at a **passport** center, or at a photographer's shop.

When the certificates and the photograph are ready, an application for a **passport** is made at a **passport** center. When issuance of the **passport** is permitted, the **passport** office sends a postcard which is exchangeable with a **passport**. Therefore, the applicant has to go again to the **passport** center carrying the **passport** and a seal to identify the applicant in order to receive the **passport**.

In recent years, the **passport** centers have been opened at many places and an applicant can submit a necessary application at any **passport** center which is easily accessible, and thus, convenience in obtaining a **passport** has substantially been improved. However, to obtain the certificates for **passport** application, still the applicant must go to facilities other than the **passport** center as ever. Thus, a long time and efforts are required for **passport** transaction, which is troublesome

for businessmen who have little free time or old or handicapped people who are socially disadvantaged. There is a strong social need for simplification of **passport** transaction.

It is desirable to solve the problems described above and to make it possible to execute transactions right from **passport** application up to its issuance more quickly by simplifying **passport** transactions and to provide a **passport** transaction apparatus, a **passport** transaction method, and a **passport** transaction system not requiring any troublesome efforts for an application for a **passport**.

In an embodiment of a first aspect of the present invention, an image of an applicant, data required for **passport** application, signature of the applicant are inputted and transmitted to a center, and determination as to whether the applied **passport** is to be issued or not is made according to the data recorded for the...

...various types of input data. Thus, all information required for application and issuance of a **passport** can be inputted at one place and one time, whereby **passport** transaction can be simplified, and this enables quicker transactions from application for a **passport** to issuance thereof and a reduction of workload to the applicant.

In an embodiment of...

...aspect of the present invention, an image (a photograph) of an applicant, data required for **passport** application, signature of the applicant are inputted and transmitted together with certification data for the...

...fetched from a resident database to the center, and it is determined whether the applied **passport** is to be issued or not according to each of the various types of data. Thus, all information required for application and issuance of a **passport** can be inputted at one place and one time, whereby **passport** transaction can be simplified, which enables quicker transactions from application for a **passport** up to issuance thereof and reduction of workload to the applicant.

In an embodiment of another aspect of the present invention, whether the **passport** is to be issued or not is determined at a center according to data inputted by an applicant, and when it is determined that the applied **passport** is to be issued, an image of the applicant is inputted and a **passport** with the image and contents of description for a **passport** printed thereon is issued on the spot. Thus, **passport** transaction can be made on the spot through communication with the center, whereby **passport** transaction is simplified; which enables quicker transactions from application for a **passport** up to issuance thereof and reduction of workload to the applicant.

In an embodiment of a further aspect of the present invention, data required for issuance of a **passport** and the applicant are certified by data stored in a storage medium to determine whether a applied **passport** is to be issued or not, and when it is determined that the applied **passport** is to be issued, an image of the applicant is issued and a **passport** with the image and contents of description for the **passport** printed thereon is issued on the spot. Thus, **passport** transaction can be completed on the spot by certifying an application for a **passport** with data stored in a storage medium, whereby **passport** transaction is simplified, which enables quicker transactions from application for a **passport** up to issuance thereof and reduction of workload to the applicant.

In a preferred embodiment when a **passport** is reissued, data required for current **passport** application is modified by using data for the **passport** already issued. Thus, there is no need to input all the

Search Report from Ginger R. DeMille

required data again when the same **passport** is reissued, and efficiency for inputting data required for **passport** transaction can be improved by utilizing the data for the **passport** already issued.

In a preferred embodiment, an image of an already issued **passport** is read, and characters in the image are recognized in order to use as an...

...is not required and the efficiency in data input can be improved by utilizing a **passport** which has been issued already.

In a preferred embodiment, authorization data for identifying an applicant when a **passport** is to be issued on a later day is printed, and it is determined whether an applied **passport** is to be issued or not is made according to the authorization data, and the **passport** is issued when it is determined so. Thus, it is possible to easily identify an...

...a still image can be obtained easily and hence a photograph for pasting on the **passport** can be prepared at a spot.

In a preferred embodiment, a previously prepared message is outputted as a voice according to progress in procedure for **passport** transaction. Thus, **passport** transaction can be executed even in the absence of an operator.

In a preferred embodiment...

...achieved with a display unit based on the integrated touch panel system. Thus, operations for **passport** transaction can easily be made while watching a display screen.

In a preferred embodiment, a charge for the **passport** application is collected in cash. Thus, the same functions as those of a vending machine can be realized.

In a preferred embodiment, a charge for **passport** application is processed through communication with a financial institution, so that the same functions as those of a cash dispenser can be realized. Thus, it is possible to execute **passport** transaction even if an applicant does not have cash.

In a preferred embodiment, data for...

...embodiment, data input is executed from a storage medium for storing therein data required for **passport** transaction. Thus, the efficiency in data input can be improved.

In a preferred embodiment, the...

...further aspect of the present invention, data for identifying an applicant is inputted, whether the **passport** is to be issued or not is determined by accessing the center and using the inputted data, and when it is determined that the applied **passport** is to be issued, an image (a photograph) of the applicant is inputted, and a **passport** with the image and contents of description of the **passport** printed thereon is issued. Thus, the **passport** transaction can be made on the spot through communication with a center, and hence the **passport** transaction is simplified, which enables quicker transaction from **passport** transaction up to issuance thereof and also reduction of workload to an applicant.

In an embodiment of a further aspect of the present invention, data required for issuance of a **passport** and data for identifying an applicant of the **passport** are read out from a storage medium, determination as to whether an applied **passport** is to be issued or not is made according to the data, and when it...

...applied data is to be issued, an image of the applicant is inputted and a **passport** with the image and contents of description for **passport** printed thereon is issued. Thus, **passport** transaction can be executed

on the site by identifying an applicant with data stored in a storage medium, and with this feature **passport** transaction is simplified, which enables quicker transactions from **passport** application to issuance thereof and also reduction of workload to the applicant.

In an embodiment in which examination for issuance of a **passport** is executed between a **passport** transaction apparatus and a center, determination as to whether an applied **passport** is to be issued or not may be made at the center using the data required for **passport** transaction inputted by the applicant at the **passport** transaction apparatus, and when it is determined that the applied **passport** is to be issued, an image of the applicant may be inputted at the **passport** transaction apparatus and a **passport** with the image and contents of description for **passport** printed thereon can be issued on the spot. Thus, **passport** transaction can be made on the spot through communications between the **passport** transaction apparatus and the center, and hence **passport** transaction is simplified, which enables quicker transaction from **passport** application up to issuance thereof and also reduction of workload to an applicant.

In an embodiment in which examination for issuance of a **passport** is executed in the **passport** transaction apparatus and first and second centers, verification of an applicant may be made at the first center using data required for **passport** transaction inputted by the applicant at the **passport** transaction apparatus, determination as to whether the applied **passport** is to be issued or not may be made at the second center, an image of the applicant may be inputted at the **passport** transaction apparatus when it is determined that the applied **passport** is to be issued, and a **passport** with the image and contents of description for **passport** printed thereon can be issued on the spot. Thus, the **passport** transaction can be made on the spot through communication between the **passport** transaction apparatus and the centers, and hence **passport** transaction is simplified, which enables quicker transactions from **passport** application up to issuance thereof and also reduction of workload to the applicant.

In a...

...applicant is inputted and transferred to a center. Thus, progress in the procedure for the **passport** transaction made by an applicant can be monitored at the center.

In a preferred embodiment...

...center and a voice transferred from the center is outputted, so that voice communication for **passport** transaction can be realized between the **passport** transaction apparatus and the center.

In a preferred embodiment, a charge for **passport** application is processed in cash on the spot where a **passport** transaction apparatus is installed. Thus, the same functions as those of a vending machine can be realized.

In another preferred embodiment, a charge for **passport** application is processed through communications between a **passport** transaction apparatus and a financial institution. Thus, the same functions as those of a cash dispenser can be realized, and hence it is possible for an applicant to execute **passport** transaction even if the applicant does not carry cash.

Reference will now be made, by...

...the drawings, in which:

Fig. 1 is a block diagram showing one example of a **passport** transaction system according to Embodiment 1 of the present invention;

Fig. 2 is an external appearance view showing one example of external

appearance of the **passport** transaction apparatus according to Embodiment 1;

Fig. 3 is a block diagram showing one example of configuration of the **passport** transaction apparatus according to Embodiment 1;

Fig. 4 is a view showing how the data is managed at a **passport** center according to Embodiment 1;

Figs. 5A to 5D are views showing a sequence of operations when applying for a new **passport** according to Embodiment 1;

Figs. 6A and 6B are views showing a sequence of operations when applying for a new **passport** according to Embodiment 1;

Figs. 7A and 7B are views showing a sequence of operations when applying for a new **passport** according to Embodiment 1;

Figs. 8A to 8C are views showing a sequence for operations when applying for a new **passport** according to Embodiment 1;

Figs. 9A to 9D are views showing a sequence of operations when applying for a new **passport** according to Embodiment 1;

Figs. 10A to 10C are views showing a sequence of operations when applying for a new **passport** according to Embodiment 1;

Figs. 11A to 11C are views showing a sequence of operations when applying for a **passport** according to Embodiment 1;

Figs. 12A and 12B are views showing a sequence of operations when applying for a new **passport** according to Embodiment 1;

Fig. 13 is a flow chart showing a general flow of...

...Fig. 14 is a flow chart showing operations for processing an application of a new **passport** according to Embodiment 1;

Fig. 15 is a flow chart showing operations for processing an application for a new **passport** according to Embodiment 1;

Fig. 16 is a flow chart showing operations for processing an application of a new **passport** according to Embodiment 1;

Figs. 17A to 17D are views showing a sequence of operations for reissuing a **passport** according to Embodiment 1;

Figs. 18A and 18B are views showing a sequence of operations for reissuing a **passport** according to Embodiment 1;

Figs. 19A to 19C are views showing a sequence of operations for reissuing a **passport** according to Embodiment 1;

Figs. 20A to 20D are views showing a sequence of operations for reissuing a **passport** according to Embodiment 1;

Figs. 21A to 21C are views showing a sequence of operations for reissuing a **passport** according to Embodiment 1;

Fig. 22 is a flow chart showing the processing for reissuing a **passport** according to Embodiment 1;

Figs. 23A to 23D are views showing a sequence of operations for receiving a **passport** according to Embodiment 1;

Figs. 24A and 24B are views showing a sequence of operations for receiving a **passport** according to Embodiment 1;

Figs. 25A to 25C are views showing a sequence of operations for receiving a **passport** according to Embodiment 1;

Fig. 26 is a flow chart showing the processing for receiving a **passport** according to Embodiment 1;

Fig. 27 is a flow chart showing the processing for receiving a **passport** according to Embodiment 1;

Fig. 28 is a view showing a variant of a method of storing a photograph and a signature for a **passport** in Embodiment 1;

Figs. 29A to 29D are views showing a sequence of operations for applying a new **passport** according to Embodiment 2;

Fig. 30 is a flow chart showing operations for processing an application for a new **passport** according to Embodiment 2;

Fig. 31 is a flow chart showing operations for processing an application for a new **passport** according to Embodiment 2;

Figs. 32A to 32D are views showing a sequence of operations for

reissuing a **passport** according to Embodiment 2;

Figs. 33A to 33D are views showing a sequence of operations when receiving a **passport** according to Embodiment 2;

Fig. 34 is a flow chart showing operations when receiving a **passport** according to Embodiment 2;

Fig. 35 is a block diagram showing an example of a **passport** transaction system according to Embodiment 3 of the present invention;

Fig. 36 is a flow chart showing operations for processing an application of a new **passport** according to Embodiment 3;

Fig. 37 is a flow chart showing the processing for reissuing a **passport** according to Embodiment 3;

Fig. 38 is a flow chart showing the processing for receiving a **passport** according to Embodiment 3; and

Fig. 39 is a view showing how the data is stored in an IC card according to Embodiment 4 of the present invention.

First, a **passport** transaction system according to Embodiment 1 of the present invention is described. Fig. 1 shows an example of configuration of the **passport** transaction system according to Embodiment 1 of the present invention. This **passport** transaction system comprises, a bank center 3, a credit company center 4, a local government office 5, a **passport** center 6 and **passport** transaction apparatuses 1A-1 to 1A-N (N: Natural number) connected to a network 2...

...in a bank, such operations as authorization of drawing money requested from each of the **passport** transaction apparatuses 1A-1 to 1A-N through the network 2 using the customer DB...jobs, such operations as authorization of drawing of money with a card requested from the **passport** transaction apparatuses 1A-1 to 1A-N through the network 2 using the customer DB...

...51 is connected via the communication line 7 to a host device 61 at the **passport** center 6. This local government office 5, in addition to ordinary work done in the...

...customer DB 52 through the communication line 7 in response to a request from the **passport** center 6. The customer BD 52 is constructed with the data registered in the local government office 5. Resident certificates or copies (abstracts) of censor register required for identifying **passport** applicants are registered in the customer DB 52.

The **passport** center 6 comprises a host device 61 and a customer DB 62 for constructing a database under control by this host device 61. This **passport** center 6 executes, in addition to ordinary work like examination of **passport** applications, examination of **passport** applications requested from the **passport** transaction apparatuses 1A-1 to 1A-N through the network 2 using the customer DB 62 and returns a result of the examination

When a **passport** application is examined, the **passport** center 6 communicates through the line 7 with the host device 51 at the local...

...line 7 connects the local government office 5 (host device 51) not only to the **passport** 6 (host device 61) but also to the bank center 3 (host device 31) and to the credit company center 4 (host device 41). Thus, the **passport** center 6 can accesses the host device 31 at the bank center 3 and the...

...the credit company center 4 to fetch various types of authorization from each database.

The **passport** transaction apparatuses 1A-1 to 1A-N are installed for instance, at public facilities such as public halls, stations, and buildings or at convenience stores, and execute **passport** transactions. The **passport** transaction apparatuses 1A-1 to 1A-N receive a result of

examination for **passport** application at the **passport** center 6 through the network 2, and issues a **passport** on the spot when the application is allowed. The procedure for issuance of a **passport** includes the procedure for issuing a new **passport**, the procedure for re-issuing a **passport**, and the procedure for later acceptance of a **passport** by the applicant; and also includes procedure for issuing such certificates as a resident certificate, or a copy of censor register (abstract thereof).

External form of the **passport** transaction apparatuses 1A-1 to 1A-N is explained. Fig. 2 is a view showing external appearance of a **passport** transaction apparatus according to Embodiment 1 of the present invention. In Fig. 2, a **passport** transaction apparatus 1A-n (n: Natural number, $1 \leq n \leq N$) has a box-like form.

This **passport** transaction apparatus 1A-n has an inclined top surface inclined downward from the rear side to the front side, a touch panel display 12, a digital camera 14, a **passport** insertion port 26a, a card insertion port 26b, a receipt issuing port 26c, a cash...

...the upper surface.

The touch panel display 12 is a unit for promoting procedure for **passport** transaction by touching a display screen thereof. The digital camera 14 is for monitoring applicants from a remote site (for example **passport** center 6) or for taking a photograph for the **passport**.

The **passport** insertion port 26a is for inserting an old **passport** in order to reissue a **passport**. The card insertion port 26b is for inserting therein a card of a financial institution...

...receipt issuing port 26c is for issuing a memo or a receipt when issuing a **passport**. A number is printed on the memo when the **passport** is to be received on a later day. The Cash inlet/outlet port 25 is...

...for paying money with a card, but for paying a charge for issuance of a **passport** or a certificate in cash.

The **passport** transacting device 1A-n has a certificate issuing port 27 for issuing various types of...

...such as a resident certificate or a copy of censor register (abstract thereof) and a **passport** issuing port 28 for issuing a **passport** P therefrom or the like provided on the front surface.

A communication line 29 is provided in the lower section of the rear surface which connects the **passport** transaction device 1A-n to the network 2.

Internal configuration of the **passport** transaction apparatus 1A-n is explained. Fig. 3 is a block diagram showing one example of configuration of the **passport** transaction apparatus. The **passport** transaction apparatus 1A-n comprises, a speaker 11, a touch panel display 12, an autophone...

...a hard disk (indicated by HD in the figure) 16, a control section 17, a **passport** reading unit 18a, a card unit 18b, a receipt unit 19, a cash unit 20, a printing unit 21, a communication control unit 22, a **passport** in issuing unit 23 and a communication line 29.

The speaker 11 outputs a voice guidance for procedure of **passport** transaction previously registered therein. The touch panel display 12 displays, as described above, an operational screen and is used in operations for **passport** transaction by means of touch system according to instructions provided on the operational screen. This touch panel display 12 is also used when an applicant for a **passport** manually makes a signature for identification of the applicant.

The autophone 13 is used when a customer does not understand how to manipulate the **passport** transaction apparatus or when a trouble occurs in the **passport** transaction apparatus. The autophone 13 is also used

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when inquiring something to the **passport** center 6. The digital camera 14 is, as described above, used for monitoring an applicant, or for taking a photograph for **passport**. The floppy disk deck 15 stores therein data to be provided to the hard disk...

...16 is a large-scale memory for storing the program for controlling operations of a **passport** transaction apparatus as a whole, and with various types of data for execution of the...

...not allowed.

The control unit 17 is a unit for control of operations of a **passport** transaction apparatus as a whole, and executes procedure for **passport** transaction or the like according to a program stored, for instance in the hard disk 16. The **passport** reading unit 18a obtains an image of the contents of the **passport** fetched from the **passport** insertion port 26a as an image, and outputs the image data to the control section...

...be executed. The receipt unit 19 outputs a memo or a receipt after completion of **passport** transaction from the receipt issuing port 26c.

The cash unit 20 is a unit for...

...Herein operations requiring payment of money includes payment of a charge for issuance of a **passport**, or a charge for issuance of such certificates as a resident certificate or a copy...

...thereof).

The communication control unit 22 controls communications with the host device 61 at the **passport** center 6, host device 31 at the bank center 3, or the host device 41 at the credit company center 4 through the network 2. The **passport** issuing unit 23 prepares a **passport** by executing operations required when issuing a **passport** such as pasting of a photograph, and printing of necessary items and a signature, and outputs the **passport** from the **passport** issuing port 28. The line 29 is connected to the network 2 and executes data transfer to and from the network 2.

A method of managing personal data at the **passport** center 6 is explained. Fig. 4 is a view showing a data managing method at a **passport** center according to Embodiment 1 of the present invention. At the **passport** center 6, personal data is managed in a personal DB 62 connected to the host...

...No.1 to No. 22 include, for instance, a status, a personal management number, a **passport** issuance number, date of issuance of a **passport**, a **passport** validity term number, applicant's censor register code, applicant's censor register data, address code...

...under examination, (4) waiting for receiving a result of examination and (5) Issuance of a **passport**. The personal management number is a number for identifying an applicant. The **passport** issuance number is a serial number given to each **passport** in the order of issuance date. The date of issuance indicates a date of issuance of a **passport**. The **passport** validity term number indicates a validity term number of an issued **passport**.

The censor register code indicates a code for domicile registered by an applicant for a **passport**. The censor register data indicates the applicant's domicile data. The address code indicates a...mail address. The photograph is an image data obtained by photographing the applicant at the **passport** transaction apparatus 1A-n. The signature is a sign data obtained when the applicant makes a signature at the **passport** transaction apparatus 1A-n. The preparatory data is a column provided so that management data...

...can arbitrarily be set. Each of the above items is updated when application for a **passport** is made at any of the **passport** transaction apparatuses 1A-1 to 1A-N.

A sequence of operations for applying for a new **passport** is explained. Fig. 5A to Fig. 14 show the sequence of operations for applying for a new **passport**. It is assumed in the following description that the touch panel display 12 is used...

...initially. The initial screen displays the following three items for choice: "Application for a new **passport**", "Application for reissuance of a **passport**" and "Only accept a **passport**" (Fig. 5A). Any of these items can be selected by touching a corresponding transaction selection area 1201.

When an applicant touches a section of "Application for a new **passport**" in the transaction selection area, the procedure progresses according to the guidance of "Application for a new **passport**" displayed thereon. When an applicant touches the section for "Application for reissuance of a **passport**", the procedure progresses according to the guidance of "Application for reissuance of a **passport**" displayed thereon. When an applicant touches the section of "Only accept a **passport**", the procedure progresses according to the guidance of "Only accept a **passport**".

When the "Application for a new **passport**" is selected in the above step, the display screen is switched to an operation screen for applying for a new **passport**. Namely, the operation screen displays the 4 types of procedure; "Cash card available", "Credit card..."

...executed, then the inputted code number is transmitted to the host device 61 at the **passport** center 6, and verification of the applicant is undertaken in the **passport** center 6 (host device 61), and the bank center (host device 31 and personal DB...is displayed in order to take a photograph of the applicant for pasting on the **passport** (Fig. 9A).

After the photograph of the applicant is taken, a signature entry area 1215 is displayed so that the applicant can make a signature to be described on the **passport**. The applicant manually signs on this signature entry area 1215 (Fig. 9B). After the applicant...

...the display screen (Fig. 9C). In this step, the personal information is transferred to the **passport** center 6 and contents of the application is confirmed there. An examination of the **passport** application is executed at the **passport** center 6.

When the examination is completed and issuance of the applied **passport** is permitted, the **passport** is issued immediately or on a later day. When the **passport** is to be issued immediately, a charge for issuance of a **passport** is calculated, and the amount is displayed on the screen (Fig. 9D). A confirmation key...

...confirmed the amount.

The sequence of operations described above is for paying a charge for **passport** application with a cash card, therefore, payment with a card is confirmed in this stage...

...the cash card and a receipt are returned. After this, a message "Issuance of a **passport**" is formed on the display screen (Fig. 10C), and a new **passport** is issued.

The above description assumed a case where an applied **passport** is issued immediately, but when the **passport** is to be issued on a later day (reception on a later day), as shown...

- ...selection area 1216 for selecting a method of informing a date of issuance from the **passport** center 6 to the applicant. Items for choice include "Telephone" including a number of a...
- ...a receipt is issued is displayed on the display screen (Fig. 12B). Herein as the **passport** application number printed on the receipt is used also as a confirmation number when receiving a **passport** on a later day, the **passport** application number is registered together with the personal information in the personal database 62 at the **passport** center 6.
- General operations as well as operations when processing an application for a new **passport** are explained. Fig. 13 is a flow chart showing the general operations in Embodiment 1...
- ...14 to Fig. 16 are flow charts showing the processing for application of a new **passport** in Embodiment 1. The description below assumes that, the process is executed under control by each of the **passport** transaction apparatuses 1A-1 to 1A-N, and that each operation is executed by each...
- ...general operations, the transaction selection area 1201 for 3 types of "Application of a new **passport** ", "Application of reissuance of a **passport** " and "Only accept a **passport** " is displayed as shown in Fig. 5A (step S11) .
- When "Application for a new **passport** " is selected in the transaction selection area 1201 (step S12), the processing for application of a new **passport** is executed in step S13 and then the processing is terminated. When "Reissuance of a **passport** " is selected (step S12), the processing for reissuing a **passport** is executed in step S14, and the processing is terminated. When "Only accept a **passport** " is selected (step 12), the processing for receiving a **passport** is executed in step S15, and the processing is terminated.
- The operations when "Application of a new **passport** " is selected are explained with reference to Fig. 14 to Fig. 16. When an application is made for a new **passport** , four items for choices, namely "Cash card available", "Credit card available", "IC card available" and...
- ...corresponding to the inserted card, and personal information of the applicant is transferred to the **passport** transaction apparatus. The personal information is displayed on the display screen as shown in Fig ...
- ...to step S107. In step S107, a photograph of the applicant for pasting on a **passport** is taken, and then in step S108, a signature of the applicant to be printed on a **passport** is inputted in step S108. Then the processing shifts to step S109.
- In step S109, an application for a new **passport** is executed to the **passport** center 6. Namely, an electronic message for an application for a new **passport** is transmitted to the host device 61 at the **passport** center 6, and in this step personal information for the applicant is sent together with an image data of the photograph and the signature.
- In the **passport** center 6, the host device 61 sends a data request for certificates (a resident certificate...
- ...the local government office 5 according to the electronic message indicating the request from the **passport** transaction apparatus. When data for the certificates is received by the host device 61, the...
- ...information, and a result of the examination is returned via the network 2 to the **passport** transaction apparatus from which a request was made.
- When the result of examination indicates that issuance of the applied **passport** is not permitted (step S110; NO route), the card is returned to

the applicant, and...

...the other hand, when the received result of examination indicates that issuance of the applied **passport** is permitted (step S110; YES route), the processing shifts to step S111 (Fig. 15). In this step S111, it is determined whether the **passport** is to be issued immediately or on a later day. When it is determined that the **passport** is to be issued immediately, the processing shifts to step S112, and on the other hand when it is determined that the **passport** is to be issued on a later day, the processing shifts to step S117 (Fig. 16).

When the **passport** is to be issued immediately (on the spot) (step S111; YES route), a charge for...

...and when the applicant acknowledges the demanded amount of charge (step S112), printing of the **passport** including a photograph is executed (step S113).

The photograph is pasted on the **passport** (step S114), and then the card is returned to the applicant, a receipt for the charge is printed and issued (step S115), and finally a new **passport** is issued (step S116).

When the **passport** is to be issued (and received by the applicant) on a later day, as shown...

...selection area 1214 for selecting a method of informing a date of issuance from the **passport** center 6 to the applicant is displayed, and the applicant selects one item (Fig. 16...

...is returned to the applicant, and a receipt as a memo for reception of the **passport** on a later day is printed and issued (step S120). As already described, a number of the receipt is used as a number for confirmation when the applicant receives the **passport** on a later day, so that the **passport** application number is registered together with the personal information in the personal DB 62 at the **passport** center 6.

A sequence of operations for reissuing a **passport** is explained. Fig. 17A to Fig. 21C are views showing a procedure for reissuing a **passport** in Embodiment 1 of the present invention. When an applicant touches the section of "Reissuance of a **passport** " in the transaction selection area 1202 (Fig. 17A), the procedure progresses according to the displayed guidance for "reissuance of a **passport** ".

As described above, when the procedure for "Reissuance of a **passport** " is selected, the display screen switches to an operating screen for a method of inputting the procedure for application of reissuance of a **passport** . Namely, the operating screen displays a message "Please set your current **passport** with the rear page opened" (Fig. 17B).

When the applicant inserts the applicant's **passport** into the **passport** insertion port 26a, selection items for 4 types of procedure; namely "Cash card available", "Credit..."

...confirmation is executed, the code number is transferred to the host device 61 at the **passport** center 6, and confirmation of the applicant is made between the **passport** center 6 (host device 61) and the bank center 3 (host device 31 and the...

...displayed in order to take a photograph of the applicant to be posted on a **passport** (Fig. 20A).

After the photograph is taken, a signature entry area 1215 is displayed so that the applicant can make a signature to be described on the **passport** . The applicant directly signs on this signature entry area 1215 (Fig. 20B). After the signature...

...the image data for the photograph and the signature added thereon is transferred to the **passport** center 6 for confirmation of the contents. Namely, the **passport** application is examined in the side of **passport** center 6.

When the examination is completed and issuance of the **passport** is permitted, it is determined whether the **passport** is to be issued immediately or on a later day. When it is determined that the **passport** is to be issued immediately, a charge for issuance of the **passport** is calculated, and the amount is displayed on the screen (Fig. 20D). In this step...

...The sequence of operations described above is for paying a charge for issuance of a **passport** with a cash card, therefore, payment with a card is confirmed in this stage. A...card is returned and a receipt is issued. After this, a message "Issuance of a **passport** " is displayed on the screen (Fig. 21C), and a new **passport** is issued.

The above description assumes a case where an applied **passport** is issued immediately, but when the **passport** is issued (or received) on a later day, the procedure progresses like in the case of application for a new **passport** described above.

The processing for reissuing a **passport** is explained. Fig. 22 is a flow chart showing the processing for reissuing a **passport** in Embodiment 1 of the present invention. In the processing for reissuing a **passport** , as shown in Fig. 17B, when a **passport** is inserted according to a message for **passport** insertion, the **passport** number is read (step S201), and checking for faults such as absorption fault of the **passport** , or impossibility of reading the **passport** number is executed (step S202).

In this step, if the **passport** number is read successfully (step S202; NO route), the processing shifts to step S101. Namely, the processing like that in the processing for application of a new **passport** is started in this step. When use of a card is selected in the procedure...

...the personal information is made according to the code number of the card through the **passport** center 6 to a financial institution, and personal information for the applicant is obtained at the **passport** transaction apparatus. The obtained personal information is displayed on the display screen as shown in...

...step S107 and on is executed like in the case of application for a new **passport** described above.

A sequence of operations for receiving a **passport** is explained. Fig. 23A to Fig. 25C are views showing a sequence of operations for receiving a **passport** according to Embodiment 1 of the present invention. Herein, when an applicant touches the section of "Only accept a **passport** " in the transaction selection area 1201 on the initial screen (Fig. 23A), procedure proceeds according to the guidance for "Only accept a **passport** ".

As described above, when the procedure for "Only accept a **passport** " is selected, the display screen switches to an operational screen for a method of inputting an application for receiving a **passport** . In other words, a message "Please input the **passport** application number printed on the receipt" and a number input area 1203 consisting of the digits from 0 to 9 are displayed (Fig. 23B).

When the applicant inputs the **passport** application number, items for selection of 3 types of procedure, namely "Cash card available", "Credit ...

...not available (Manual input)" are displayed like in a case of

application for a new **passport** or of application for reissuance of a **passport** " (Refer to Fig. 5B), and the applicant selects one of these items.

When the applicant...

...on the screen, the code number is transmitted to the host device 61 at the **passport** center 6, and confirmation of the application is made between the **passport** center 6 (host device 61) and the bank center 3 (host device 31 and personal...

...for correction is the same as that in the case of application for a new **passport** or for application for reissuance of a **passport** described above, description thereof is omitted herein.

When the confirmation key 1204 is operated, as...display screen (Fig. 24A). In this procedure, verification of the applicant is executed at the **passport** center 6. It should be noted that, confirmation of the applicant can be assisted at the **passport** center 6 by comparing the applicant's photograph registered in the personal DB 65 to...

...a digital camera 14.

When verification of the applicant is completed and issuance of the **passport** is permitted, a charge for issuance of the **passport** is calculated, and an amount of charge is displayed on the screen (Fig. 24B). A...

...screen (Fig. 25B), the cash card is returned with a receipt issued. Then, a message " **Passport** is issued" is formed on the screen, and the **passport** is issued.

The processing for receiving a **passport** is explained. Fig. 26 and Fig. 27 are flow charts each showing the processing for receiving a **passport** in this Embodiment 1. In the processing for receiving a **passport**, as shown in Fig. 23B, a **passport** application number is inputted according to the message prompting input of a **passport** application number (step S301), and the inputted **passport** application number is temporally stored in a control section 17.

In this stage, the same processing as that in the processing for applying issuance of a new **passport** described above is started. Namely, the processing in step S101 to step S105 is executed...

...is made, for instance, according to a code number on the inserted card via the **passport** center 6 to a financial institution (step S302), and the **passport** application number inputted in step S301 and the applicant are verified. As a result, when...

...a result of verification is negative (step S303; NO route), the processing for receiving a **passport** is terminated. If a card has been inserted, the card is returned.

In step S304, a charge for application of the **passport** is calculated and displayed, and when the amount is confirmed by the applicant, in the next step S305, a **passport** including the applicant's photograph is printed.

Further a photograph is pasted to the **passport** (step S306), and then the applicant's card is returned, and a receipt for the charge paid by the applicant is printed and issued (step S307), and finally the **passport** is issued (step S308).

As described above, with Embodiment 1 of the present invention, when examination is made for permission of issuance of a **passport** between a **passport** transaction apparatus and a **passport** center, whether an applied **passport** is to be issued or not is determined at the center using data relating to **passport** transaction such as a manually-written signature obtained by the applicant at a **passport** transacting device,

and when it is determined that the applied **passport** is to be issued, an image of the applicant is inputted at the **passport** transaction apparatus, and a **passport** with the image and contents of description required for issuance of a **passport** printed thereon is issued at the site. With this feature, **passport** transaction can be executed at a site through communications between a **passport** transaction apparatus and a center, so that **passport** transaction is simplified, which enables quicker transaction from application for a **passport** up to issuance thereof and also reduction of workload to the applicant. Especially there is provided the merit that information required for **passport** application and issuance thereof can simultaneously be inputted on the spot.

A charge for **passport** application can be processed with a cash unit 20 on the spot where the **passport** transaction apparatus is installed, the same function as that of the vending machine can be realized.

A charge for **passport** application is processed using a card unit 18b and a communication control unit 22 through communications between a **passport** transaction apparatus and a financial institution, so that the same function as that of a cash dispenser can be realized. With this feature, an applicant can execute **passport** transaction even when the applicant does not carry cash with him.

An image obtained using the digital camera 14 is transferred to a **passport** center, so that the state of operations for **passport** application can be monitored in the side of the center.

Voice collected by the autophone 13 is transferred to a **passport** center and the voice transferred from the **passport** center is outputted from the speaker 11, so that voice communications between a **passport** transaction apparatus and a center can be realized.

When a **passport** is to be reissued, data for a **passport** already issued is inputted and data required for **passport** application is corrected, so that it is not necessary to again input all data required for **passport** application when applying reissuance of the **passport**, which enables improvement in the efficiency of data input when applying reissuance of a **passport**.

An image of an already issued **passport** is obtained with a **passport** reading unit 18a, and characters in the read image are recognized to input data required for **passport** application, so that such workload as key entry is not required and the efficiency in data input when applying reissuance of a **passport** can be improved.

When a **passport** is to be issued (or received) on a later day, ID data for identifying the applicant is printed on a receipt, whether the **passport** is to be issued or not is determined according to the ID data, and when it is determined that the applied **passport** is to be issued, the **passport** is issued, so that an applicant for a **passport** can easily be confirmed by checking data printed on a receipt.

An image of an...

...image of the applicant can be obtained. Therefore, a photograph to be adhered on a **passport** can be prepared on the spot.

Messages previously prepared are outputted from a speaker in a form of a voice according to progress in procedure of **passport** transaction, so that, even if there is no operator at the site, the applicant can execute **passport** transaction.

Display and data input are executed with the integrated touch panel display 12, so that the applicant can execute operations for **passport** transaction while watching a screen.

Data for issuing certificates for an applicant is read out through a **passport** center, and certificates based on the read out data are printed, so that the applicant...

...government office.

Data is inputted from a storage medium for storing therein data required for **passport** transaction, so that the efficiency in data input can be improved.

By using an IC...

...a case where a photograph and a signature of the applicant are managed at the **passport** center, but such data may be managed at each of the **passport** transaction apparatuses A1-1 to A1-N. Fig. 28 shows a variant of the method...

...to the application number N2. This data is deleted from the memory 17a after the **passport** is issued or when an application for a **passport** is canceled by the applicant.

AS described above, by storing data such as photographs and signatures of the applicants at each of the **passport** transaction apparatuses A1-1 to A1-N, a required capacity of the personal DB 65 at the **passport** center can be suppressed to the minimum level.

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In the Embodiment 1 above, when an application for a new **passport** is made, a photograph and a signature of the applicant are acquired before examination at the **passport** center 6, but like in the Embodiment 2 described above, photographing and input of a signature required for preparation of a **passport** may be carried out after the examination is completed.

In Embodiment 2, the **passport** transaction system as a whole is the same as that according to Embodiment 1 and...

...photograph or a signature of the applicant before it is determined that issuance of a **passport** applied by the applicant is permitted, it is not necessarily to provide items for taking...

...At first description is made for a sequence of operations for application of a new **passport**. In Fig. 5A to Fig. 12B in Embodiment 1, operations in Figs. 29A to 29D...

...Figs. 29A to 29D are views showing a sequence of operations for applying a new **passport** in Embodiment 2.

In Embodiment 2, when the confirmation key 1204 is operated after the ...

...on the display screen (Fig. 29A). In this procedure, personal information is transferred to the **passport** center 6 and contents of the application is checked. Namely, examination of an application for a **passport** is executed in the side of **passport** center 6.

When the examination is over and issuance of the **passport** is permitted as described above, whether the **passport** is to be issued immediately or on a later day is determined. When it is determined that the **passport** is to be issued immediately, a guidance (message) is displayed in order to take a photograph of the applicant to be pasted onto a **passport** (Fig. 29B).

After a photograph is taken, the signature entry area 1215 is displayed so that the applicant can make a signature to be printed on the **passport**. The applicant manually writes his or her name on this signature entry area 1215 (Fig. 29C). After the signature is inputted, a charge for issuance of the **passport** is calculated, and the amount is displayed on the screen (Fig. 29D). In this step as those in Embodiment 1.

The processing for an application of a new **passport** is explained.

Fig. 30 and Fig. 31 are flow charts showing the processing for an application of a new **passport** according to Embodiment 2 of the present invention. It should be noted that operations corresponding...

...and description thereof is omitted herein.

In the processing for an application for a new **passport**, as shown in Fig. 5B (like in Embodiment 1), 4 types of selection items, namely...

...to a financial institution, and the personal information of the applicant is transferred to a **passport** transaction apparatus. The transferred personal information is displayed on the display screen as shown in...

...S106, the processing shifts to step S109, and the processing for application of a new **passport** is executed to the **passport** center 6. Namely, an electronic message for application of a new **passport** is transmitted to the host device 61 at the **passport** center 6, and in this step also the personal information is transferred.

At the **passport** center 6, according to the electronic message transferred from the **passport** transaction apparatus, data request for certificates (such as a resident certificate, or a copy of...

...registered together with the personal information in the personal DB 62. the application for a **passport** is examined at the host device 61 according to the fetched certificate and personal information, and a result of the examination is returned via the network 2 to the requesting **passport** transaction apparatus.

When it is determined as a result of examination that issuance of the applied **passport** is not to be permitted (step S110; NO route), the card is returned, and the current processing for **passport** application is terminated. On the other hand, when it is determined that issuance of the applied **passport** is permitted (step S110; YES route), the processing shifts to step S111 (Fig. 31). In this step S111, whether the **passport** is to be issued immediately or on a later day is determined. When it is determined that the **passport** is to be issued immediately, the processing shifts to step S121, and on the other hand, when it is determined that the **passport** is to be issued on a later day, the processing shifts to step S117 (Refer to Fig. 16 in Embodiment 1).

At first, when it is determined that the **passport** is to be issued immediately (step S110; YES route), a photograph of the applicant to be pasted on the **passport** is taken (step S121), and then a signature of the applicant to be printed on the **passport** is inputted (S122). A charge for the **passport** application is displayed, and when the amount is confirmed by the applicant (step S112), the **passport** including the photograph is printed (step S113).

The photograph is pasted to the **passport** (step S114), and then the inserted card is returned and a receipt for the charge is issued (step S115), and finally a new **passport** is issued (step S116).

When it is determined that the **passport** is to be issued (received) on a later day, as shown in Fig. 11A (like...

...for selecting a method of informing the applicant of a date of issuance from the **passport** center is displayed, and the applicant selects one of the methods displayed thereon (Refer to...

...1, so that description thereof is omitted herein.

A sequence of operations for reissuing a **passport** is explained. Of Fig. 17A to Fig. 21C in Embodiment 1, operations in Figs. 20A...

...2. Figs. 32A to 32D are views showing a sequence of operations for

reissuing a **passport** in Embodiment 2.

Like in Embodiment 1, when the procedure for checking the applicant is

...

...displayed on the display (Fig. 32A). In this procedure, personal information is transferred to the **passport** center 6 and contents of the application is checked. Namely, examination of the application for a **passport** is executed in the side of **passport** center 6.

When the examination is completed as described above and issuance of the **passport** is permitted, whether the **passport** is to be issued immediately or on a later day is determined. When it is determined that the **passport** is to be issued immediately, a guidance (message) is displayed in order to take a photograph of the applicant to be pasted on the **passport** (Fig. 32B).

After a photograph is taken, a signature entry area 1215 is displayed so that the applicant can make his or her signature onto a **passport**. The applicant directly and manually sign the applicant's name on this signature entry area 1215 (Fig. 32C). After the signature is inputted, a charge for issuance of the **passport** is calculated, and the amount is displayed on the screen (Fig. 32D). In this step...

...1 described above, so that description thereof is omitted herein.

The procedure for reissuing a **passport** described above is, like in the case of applying a new **passport** described above, the same as that when a new **passport** is applied excluding the point that an operation for inputting a signature is different from...

...so that detailed description thereof is omitted herein.

A sequence of operations for receiving a **passport** is explained. Of Fig. 23A to Fig. 25C in Embodiment 1, operations in Figs. 33A...

...2. Figs. 33A to 33D are view showing a sequence of operations for receiving a **passport** in Embodiment 2.

Like in Embodiment 1, when an operation for confirming the applicant is

...

...display screen (Fig. 33A). In this procedure, verification of the applicant is executed at the **passport** center 6.

When verification of the applicant is completed and issuance of the **passport** is permitted, a guidance (message) is displayed in order to take a photograph of the applicant to be pasted to a **passport** (Fig. 33B).

After a photograph is taken, a signature entry area 1215 is displayed so...

...Fig. 33C). After the applicant's signature is inputted, a charge for issuance of the **passport** is calculated, and the amount of money for the charge is displayed on the screen...

...in Embodiment 1, so that description thereof is omitted herein.

The processing for receiving a **passport** is explained. In this processing for receiving a **passport**, of Fig. 26 to Fig. 27 in Embodiment 1, Fig. 34 is applied in place of Fig. 27. Fig. 34 is a flow chart showing the processing for receiving a **passport** in Embodiment 2. In the processing for receiving a **passport**, as explained above in Fig. 23B, a **passport** application number is inputted according to a message for prompting input of a **passport** application number, and the inputted **passport** application number is temporally stored in the control unit 17.

In this stage, the processing like that for application of a new

passport is started. Namely, the processing from step S101 to step S105 is executed (Refer to...

...information is made, for instance, according to a code number of the card through the **passport** center 6 to a financial institution (step S302), and also the **passport** application number inputted in step S301 and the applicant are verified. As a result, when...

...is returned to the applicant.

In step S310, a photograph to be pasted to a **passport** is taken, and then a signature of the applicant to be printed on the **passport** is inputted (step S311). Then a charge for the application is calculated and displayed, and when the amount is confirmed by the applicant (step S304), a **passport** including the photograph is printed (step S305).

The photograph is pasted to the **passport** (step S306), and the card is returned to the applicant and a receipt for the charge is printed and issued (step S307), and finally the **passport** is issued (step S308).

As described above, with Embodiment 2, the same effects as those...

...a photograph and a signature of the applicant are obtained after an examination at the **passport** center 6, so that the procedure before examination can be suppressed to the minimum level...

...In addition, it is not necessary to preserve a photograph or a signature at the **passport** center 6, so that a capacity of the personal DB 65 can be suppressed to...

...that in Embodiment 1.

In Embodiments 1 and 2, when an applicant applies for a **passport** through a **passport** transaction apparatus, a **passport** center accesses a host device at a local government office for examination of the **passport** application. However, embodiments of the present invention are not limited to this configuration, and like accessing a host device at a local government office or that at a **passport** center through a **passport** transaction apparatus.

A **passport** transaction system according to Embodiment 3 of the present invention is described. Fig. 35 is a block diagram showing one example of the **passport** transaction system according to Embodiment 3 of the present invention. The general configuration of the **passport** transaction system according to Embodiment 3 is the same as that in Embodiment 1, so...

...line connecting the local government office 5, bank center 3, credit company center 4 and **passport** center 8 (having a host device 81 and a personal DB 82) and that **passport** transaction apparatuses 1B-1 to 1B-N directly communicate with each host device.

Thus, as the host device 81 provided at the **passport** center 8 performs the examination, and hence, operations for fetching various types of data at...

...4 are not required. Namely, all of the operations are executed in the side of **passport** transaction apparatus.

As described above, the functions in this Embodiment 3 are different from those in Embodiment 1, so that different reference numerals are used. Further functions of the **passport** transaction apparatuses 1B-1 to 1B-N are different from those in Embodiment, so that...

...1 (or Embodiment 2) are described. At first, the processing for application of a new **passport** is described. Fig. 36 is a flow chart showing the processing for application of a new **passport**.

In Embodiment 1 above, in step S109, the **passport** center 6 fetches

certificates such as a resident certificate or a copy of censor register
...

...51 at the local government office 5. In contrast, in Embodiment 3, each of the **passport** transaction apparatuses 1B-1 to 1B-N itself accesses the host device 51 at the...

...or a copy of censor register (step S109A) and executes the procedure for applying a **passport** at the **passport** center 6 with these certificates (step S109B).

In the following, operations for reissuing a **passport** are described. Fig. 37 is a flow chart showing the processing for reissuing a **passport** according to Embodiment 3. In Embodiment 1 described above, in step S203, the **passport** center 6 accesses each of the host devices provided at the bank center 3 and...

...host device 61 for verifying the applicant. In contrast, in Embodiment 3, each of the **passport** transaction apparatuses 1B-1 to 1B-N itself accesses the host devices provided at the bank center 3 or credit company center 4 (step S203A), and determines whether the applied **passport** is to be reissued or not by communicating with the **passport** center 6 (step S203B).

In the following, operations for receiving a **passport** are explained. Fig. 38 is a flow chart showing the processing for receiving a **passport** in Embodiment 3. In Embodiment 1 (or in Embodiment 2) described above, in step S302, the **passport** center 6 accesses each of the host devices provided at the bank center 3 and...

...host device 61 to verify the applicant. In contrast, in Embodiment 3, each of the **passport** transaction apparatuses 1B-1 to 1B-N itself accesses the host devices provided at the bank center 3 or credit company center 4 (step S203A), and determines whether the **passport** is to be reissued or not by communicating with the **passport** center 6 (step S203B).

As described above, with Embodiment 3, when a **passport** transaction apparatus examines an application for issuance of a **passport** by communicating with a local government office and a **passport** center, the **passport** transaction apparatus verifies the applicant by communicating with a host device provided at the local government by using data required for **passport** transaction such as a signature manually written and inputted by the applicant, and makes a host device at the host device determines whether the applied **passport** is to be issued or not with an image of the applicant inputted at the **passport** transaction apparatus when it is determined that the applied **passport** is to be issued, and the **passport** with the image and contents for description for **passport** application printed thereon is issued on the spot.

With these features, **passport** transaction can be carried out on the spot through communications between a **passport** transaction apparatus and a **passport** center. Because of this feature, **passport** transaction is simplified, which enables quicker transaction from application of a **passport** up to issuance thereof and also reduction of workload to the applicant.

In Embodiment 4...

...is used in any of Embodiments 1, 2 and 3. Therefore, general configuration of the **passport** transaction system according to Embodiment 4 can be applied to any of Embodiments 1, 2...

...items No.1 to No. 22 represent respectively IC card control section, personal management number, **passport** issuance number, date of issuance

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of a **passport** , **passport** validity term number, card validity term, censor register code, censor register data, address code, address...2.

Only the items different from those managed in the personal DB 63 at the **passport** center 6 are described. The common items are shared between the personal DB 62 and...

...corresponding to Item No. 1 shows identification data, control data or the like for a **passport** management device to access an IC card using a card reader. The card validity term...

...any transactions.

As described above, with Embodiment 4, the data required for issuance of a **passport** and an applicant thereof are certified with data stored in an IC card so as to determine whether the **passport** is to be issued or not, and when it is determined that the **passport** is to be issued, an image of the applicant is inputted and a **passport** with the image and contents to be described on a **passport** printed thereon is issued on the spot. With this feature, **passport** transaction can be executed on the spot by certifying an applicant with data stored in a storage medium, and **passport** transaction is simplified, which enables quicker transaction from application of a **passport** up to issuance thereof and also reduction of workload to the applicant. It should be...

...an applicant when a card is not used for that purpose. In that case, a **passport** reading unit 18a provided in a **passport** transaction apparatus may be used. An applicant is required to insert various certificates such as a driver's license or an insurance certificate into the **passport** insertion port 26a.

In this case, in Embodiments 1 to 3, the processing for reading...

...invention.

In an embodiment of the invention, an image of an applicant, data required for **passport** application, sign of the applicant are inputted and transmitted to a center, and determination as to whether the applied **passport** is to be issued or not is made according to certificate data for the applicant...

...various types of input data. Thus, all information required for application and issuance of a **passport** can be inputted at one place and time, whereby **passport** transaction can be simplified, and there is provided the effect that it is possible to provide a **passport** transaction apparatus which can perform quicker transactions from application for an application to issuance thereof...

...applicant.

In an embodiment of the invention, an image of an applicant, data required for **passport** application, sign of the applicant are inputted and transmitted together with certification data for the...

...fetched from a resident database to the center, and it is determined whether the applied **passport** is to be issued or not according to each of the various types of data. Thus, all information required for application and issuance of a **passport** can be inputted at one place and time, whereby **passport** transaction can be simplified, and for this reason there is provided the effect that it is possible to provide a **passport** transaction apparatus which can perform quicker transactions from application for a **passport** up to issuance thereof and reduce the workload to the applicant.

In an embodiment of the invention, determines as to whether an applied **passport** is to be issued or not is made at a center according to data

inputted by an applicant when it is determined that the applied **passport** is to be issued, an image of the applicant is inputted and a **passport** with the image and contents of description for a **passport** printed thereon is issued at the site. Thus, **passport** transaction can be made at a place through communication with the center, whereby **passport** transaction is simplified, and for this reason there is provided the effect that it is possible to provide a **passport** transaction apparatus which can perform quicker transactions from application for a **passport** up to issuance thereof and reduce the workload to the applicant.

In an embodiment of the invention, data required for issuance of a **passport** and the applicant are certified by data stored in a storage medium to determine whether a applied **passport** is to be issued or not. When it is determined that the applied **passport** is to be issued, an image of the applicant is issued and a **passport** with the image and contents of description for the **passport** printed thereon is issued on the spot. Thus, **passport** transaction can be completed at a site by certifying an application for a **passport** with data stored in a storage medium, whereby **passport** transaction is simplified, and for this reason there is provided the effect that it is possible to provide a **passport** transaction apparatus which can perform quicker transactions from application for a **passport** up to issuance thereof and reduce the workload to the applicant.

In an embodiment of the invention, when a **passport** is reissued, data required for **passport** application is modified by inputting data for the **passport** already issued. Thus there is no need to input all the required data again when the same **passport** is reissued, and for this reason there is provided the effect that it is possible to provide a **passport** transaction apparatus in which efficiency for inputting data required for **passport** transaction can be improved by inputting data for the **passport** already issued.

In an embodiment of the invention, a **passport** already issued is read as an image, and characters in the read image are recognized...

...and for this reason there is provided the effect it is possible to provide a **passport** transaction apparatus in which the efficiency in data input can be improved by utilizing a **passport** which has been issued already.

In an embodiment of the invention, authorization data for identifying an applicant when a **passport** is to be issued on a later day is printed, and it is determined whether an applied **passport** is to be issued or not is made according to the authorization data, and the **passport** is issued when it is determined that the **passport** is to be issued, and for this reason there is provided the effect that it is possible to provide a **passport** transaction apparatus in which it is possible to easily identify a applicant with a receipt...

...for this reason there is provided the effect that it is possible to obtain a **passport** transaction apparatus which can obtain a photograph of the applicant to be pasted on a **passport** on the spot.

In an embodiment of the invention, a previously prepared message is outputted as a voice according to progress in procedure for **passport** transaction, and for this reason there is provided the effect that it is possible to provide a **passport** transaction apparatus in which **passport** transaction can be executed even when an operator is not present.

In an embodiment of...

...for this reason there is provided the effect that it is possible to obtain a **passport** transaction apparatus in which an applicant can easily operate for **passport** transaction while watching a display

screen.

In an embodiment of the invention, a charge for **passport** application is processed with cash, and for this reason there is provided the effect that it is possible to obtain a **passport** transaction apparatus which can realize the same functions as those of a vending machine.

In an embodiment of the invention, a charge for **passport** application is processed through communication with a financial institution, so that the same functions as...

...for this reason there is provided the effect that it is possible to provide a **passport** transaction apparatus which can execute **passport** transaction even if an applicant does not have cash.

In an embodiment of the invention...

...for this reason there is provided the effect that it is possible to obtain a **passport** transaction apparatus which can provide such documents as a resident's certificate or a copy...

...invention, data input is executed from a storage medium for storing therein data required for **passport** transaction, and for this reason there is provided the effect that it is possible to obtain a **passport** transaction apparatus which can improve the efficiency in data input.

In an embodiment of the invention, data is inputted from a storage medium for storing therein data required for **passport** transaction, and for this reason there is provided the effect that it is possible to obtain a **passport** transaction apparatus which can execute identification with enhanced security.

In an embodiment of the invention, data for identifying an applicant is inputted, determination as to whether the **passport** is to be issued or not is made accessing the center and using the inputted data, and when it is determined that the applied **passport** is to be issued, the image of the applicant is inputted, and a **passport** with the image and contents of description of the **passport** printed thereon is issued, so that **passport** transaction can be made on the spot through communication with a center. Thus, with this feature the **passport** transaction is simplified, and for this reason there is provided the effect that it is possible to obtain a **passport** transaction method which enables quicker transaction from **passport** transaction up to issuance thereof and also reduction of work load to an applicant.

In an embodiment of the invention, data required for issuance of a **passport** and data for identifying an applicant of the **passport** are read out from a storage medium, determination as to whether an applied **passport** is to be issued or not is made according to the data, and when it...

...applied data is to be issued, an image of the applicant is inputted and a **passport** with the image and contents of description for **passport** printed thereon is issued. Thus, **passport** transaction can be executed on the spot by identifying an applicant with data stored in a storage medium, and with this feature **passport** transaction is simplified, and for this reason there is provided the effect that it is possible to obtain a **passport** transaction method which enables quicker transaction from **passport** application to issuance thereof and also reduction of work load to the applicant.

In an embodiment of the invention, when examination for issuance of a **passport** is executed between a **passport** transaction apparatus and a center, determination as to whether an applied **passport** is to be issued or not is made at the center using the data required for **passport** transaction inputted by the applicant at the **passport** transaction apparatus, and when it is determined that the applied **passport** is to be

issued, an image of the applicant is inputted at the **passport** transaction apparatus and a **passport** with the image and contents of description for **passport** printed thereon is issued on the spot. Thus, **passport** transaction can be made on the spot through communications between the **passport** transaction apparatus and the center, and hence **passport** transaction is simplified, and for this reason there is provided the effect that it is possible to obtain a **passport** transaction system which enables quicker transaction from **passport** application up to issuance thereof and also reduction of work load to an applicant.

In an embodiment of the invention, when examination for issuance of a **passport** is executed in the **passport** transaction apparatus and first and second centers, verification of an applicant is made at the first center using data required for **passport** transaction inputted by the applicant at the **passport** transaction apparatus, determination as to whether the applied **passport** is to be issued or not is made at the second center, an image of the applicant is inputted at the **passport** transaction apparatus when it is determined that the applied **passport** is to be issued, and a **passport** with the image and contents of description for **passport** printed thereon is issued on the spot, so that **passport** transaction can be made at a site through communication between the **passport** transaction apparatus and centers. Thus, **passport** transaction is simplified, and for this reason there is provided the effect that it is possible to obtain a **passport** transaction system which enables quicker transaction from **passport** application up to issuance thereof and also reduction of work load to the applicant.

In...

...center, and hence there is provided the effect that it is possible to obtain a **passport** transaction system in which progress of procedure for **passport** transaction made by an applicant can be monitored at the center.

In an embodiment of...

...for this reason there is provided the effect that it is possible to obtain a **passport** transaction system in which that voice communication for **passport** transaction can be realized between the **passport** transaction apparatus and the center.

In an embodiment of the invention, a charge for **passport** application is processed with cash on the spot where a **passport** transaction apparatus is installed, and for this reason there is provided the effect that it is possible to obtain a **passport** transaction system in which the same functions as those of a vending machine can be realized.

In an embodiment of the invention, a charge for **passport** application is processed through communications between a **passport** transaction apparatus and a financial institution, so that the same functions as those of a...

...for this reason there is provided the effect that it is possible to obtain a **passport** transaction system in which it is possible for an applicant to execute **passport** transaction even if the applicant does not carry cash.

This application is based on Japanese...

CLAIMS 1. A **passport** transaction apparatus connected to a resident's database storing therein identification data of the residents and also connected to a center which executes an examination for issuance of **passports** through a communication line, said apparatus comprising:

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a communication unit for communicating with said center;
an image input unit for inputting an image of the applicant for a **passport** ;
a display unit for displaying a guidance for the procedure for the **passport** transaction;
a data input unit for inputting data for the application according to the procedure for **passport** transaction displayed on said display unit;
a sign input unit for inputting a sign of...

...using said communication unit and orchestrates said center so as to determine whether the applied **passport** is to be issued or not based on the identification data for the applicant which...

...recorded in said resident database and on each of the transmitted input data.

2. A **passport** transaction apparatus connected through a communication line to a center which executes an examination for issuance of **passports** as well as to a resident's database which stores identification data of residents for providing services for issuing **passports** to applicants, said apparatus comprising:
a communication unit for communicating with said center and with...

...s database;
an image input unit for inputting an image of an applicant for the **passport** ;
a display unit for displaying a guidance for the procedure for the **passport** transaction;
a data input unit for inputting data for the application according to the procedure for **passport** transaction displayed on said display unit;
a sign input unit for inputting a sign of...

...by using said communication unit and orchestrates said center so as to determine whether the **passport** is to be issued or not based on the transmitted data.

3. A **passport** transaction apparatus connected to a center which provides the data for issuance of a certificate for an applicant and executes examination for issuance of **passports** for processing **passport** transactions through communication with the center via a communication line, said apparatus comprising:
a communication...

...image of the applicant;
a display unit for displaying a guidance for the procedure for **passport** transaction;
a data input unit for inputting data for **passport** transaction according to the procedure displayed on said display unit;
a printer unit for printing the image inputted by the image input unit and contents of the **passport** on a **passport** paper prepared previously;
an issuer unit for issuing a **passport** obtained by printing with said printer unit; and
a control unit for controlling the communications...

...by said display unit, data input by said data input unit and issuance of a **passport** by said issuer unit;
wherein said control unit sends the data inputted by each of...

...center using said communication unit and orchestrates said center so as

to determine whether the **passport** is to be issued or not, when it is determined that the **passport** is to be issued, makes the printer unit print the image of the applicant inputted by said image input unit and contents of the **passport** onto a **passport** paper prepared previously, and makes the issuer unit issue the **passport** obtained by printing.

4. A **passport** transaction apparatus for processing **passport** transaction with a storage medium which stores the data required for issuance of **passports** and the data for identifying the applicants for the **passports**, said apparatus comprising:

an image input unit for inputting an image of the applicant;
a...

...said storage medium;

- a display unit for displaying a guidance for the procedure for the **passport** transaction;
- a data input unit for inputting data for **passport** transaction according to the procedure for **passport** transaction displayed on said display unit;
- a printer unit for printing an image inputted by said image input unit and the contents of the **passport** onto a **passport** paper previously prepared;
- an issuer unit for issuing a **passport** obtained by printing with said printing unit;
- a control unit for controlling the communications by...

...by said reader unit, data input by said data input unit and issuance of a **passport** by the issuing unit;

wherein said control unit determines whether the applied **passport** is to be issued or not based to the data read out by said reading unit, and when it is determined that the **passport** is to be issued, prints the image of applicant inputted by said image input unit and contents of the **passport** printed onto a **passport** paper previously prepared using the printing unit and issues the **passport** obtained by printing using the issuing unit.

5. A **passport** transaction apparatus according to any preceding further comprising a **passport** data input unit for inputting the contents of an issued **passport** as data; wherein said control unit orchestrates, when reissuing a **passport**, said display unit and said data input unit so as to amend the data required for application of the **passport** of data inputted from the **passport** data input unit.

6. A **passport** transaction apparatus according to claim 5; wherein said **passport** data input unit reads the image of an issued **passport** and recognizes the characters in the read image in order to input the data.

7. A **passport** transaction apparatus according to any preceding claim further comprising:

a receipt issuer unit for issuing a receipt authorization data for checking an applicant when a **passport** is issued to the applicant;
and

a storage ...the authorization data is inputted by the data input unit, as to whether the applied **passport** is to be issued or not by verifying the authorization to the storing unit, and when it is determined that the applied **passport** is to be issued, prints the image of the applicant inputted by said image input unit and contents of the **passport** on a **passport** paper previously prepared using the printer unit and issues the **passport** obtained by printing using said issuing unit.

8. A **passport** transaction apparatus according to any preceding claim;

- wherein said image input unit is a digital camera.
- 9.A **passport** transaction apparatus according to any preceding claim further comprising a voice outputting unit for providing guidance for procedure of **passport** transaction with voice; wherein said control unit outputs messages previously prepared with voice according to progress of procedure of **passport** transaction by controlling said voice outputting unit.
10. A **passport** transaction apparatus according to any preceding claim; wherein said display unit is a display unit based on an integrated touch panel system.
11. A **passport** transaction apparatus according to any preceding claim further comprising:
a direct payment unit for payment of a charge for **passport** application with cash; wherein said control unit controls input of cash and change by controlling operations of said direct payment unit.
12. A **passport** transaction apparatus according to any preceding claim; wherein said communication unit is connected to a...
- ...payment unit connected to a center of a financial institution for processing a charge for **passport** application through communication between said communication unit and said financial institution, and said control unit...
- ...payment with the financial institution by controlling operations of said indirect payment unit.
13. A **passport** transaction apparatus according to Claim 14; wherein said control unit reads out, when issuing a...
- ...prints the certificate based on the read-out data using said printing unit.
14. A **passport** transaction apparatus according to any preceding claim; wherein said data input unit executes data input from a storage medium storing therein data required for **passport** transaction.
15. A **passport** transaction apparatus according to claim 4 or any of claims 5 to 14 when read as appended to claim 4; wherein said storage medium is an IC card.
16. A **passport** transaction method applicable to a system in which a system is connected via a communication...
- ...for issuance of a certificate to an applicant and executing examination for issuance of a **passport** for processing **passport** transaction by ways of communication with the center, said method comprising:
a first step of...
- ...checking an applicant;
a second step of accessing said center and determining whether the applied **passport** is to be issued or not by using the data inputting in the first step...
- ...third step of inputting, when it is determined in the second step that the applied **passport** is to be issued, an image of the applicant;
and
a fourth step of printing the image of the applicant and contents of description on the **passport** inputting in the third step onto **passport** paper previously prepared, and issuing the **passport** obtained by printing.
17. A **passport** transaction apparatus applicable to a system for processing **passport** transaction with a storage medium storing therein data required for issuance of **passports** as well as data for identifying applications for **passports** comprising:

- a first step of reading out data required for issuance of a **passport** from the storage medium and data for identifying an applicant;
 - a second step of determining whether the applied **passport** is to be issued or not according to the data read out in the first...
 - ...third step of inputting, when it is determined in the second step that the applied **passport** is to be issued, an image of the applicant; and
 - a fourth step of printing the image of the applicant and contents of description on the **passport** inputted in the third step and issuing the **passport** obtained by printing.
18. A **passport** transaction system comprising:
- a center accessibly connected to a first database storing therein data for issuing certificates to applicants, registering data for issuance of **passports** in a second database, and executing examination for issuance of **passports** ; and
 - at least one **passport** transaction apparatus connected via a communication line to said center for processing **passport** transaction by communicating with said center; wherein said **passport** transaction apparatus comprises
 - a communication unit for communicating with said center;
 - an image input unit for inputting an image of the applicant for a **passport** ;
 - a display unit for displaying a guidance for the procedure for **passport** transaction;
 - a data input unit for inputting data for **passport** transaction according to the contents of procedure displayed on the display unit;
 - a printer unit...
- ...printing the image inputted by the image input unit and contents of description on the **passport** onto a **passport** paper previously prepared;
- an issuer unit for issuing the **passport** obtained by printing with said printing unit; and
 - a control unit for controlling the communications...
- ...by said display unit, data input by said data input unit and issuance of a **passport** by said issuer unit; while the control unit accesses the center using the communication unit, asks the center to make determination as to whether the applied **passport** is to be issued or not according to the data inputted by the data input unit, and when it is determined that the applied **passport** is to be issued, has an image of the applicant inputted by the image input unit and contents of description o the **passport** onto **passport** paper previously prepared and the **passport** obtained by printing issued with the issuing unit; and the center verifies the data inputted by the data input unit according to a request from the **passport** transaction apparatus to the first and second databases respectively by way of communication with the communication unit and returns a replay as to whether each applied **passport** is to be issued or not according to a result of verification.
19. A **passport** transaction system comprising:
- a first center having a first database with data required for issuance of certificates for applicants registered therein;
 - a second center for registering data for issuance of **passports** in a second database and also executing examination for issuance of **passports** ; and
 - at least one **passport** transaction apparatuses each connected via a communication line to the first and second centers for processing

- passport** transaction by communicating with the first and second centers; wherein said **passport** transaction apparatus comprises:
- a communication unit for communicating with the first and second centers;
 - an image input unit for inputting an image of an applicant for a **passport** ;
 - a display unit for providing guidance with displays of contents of procedure for **passport** transaction;
 - a data input unit for inputting data for **passport** transaction according to the contents of procedure displayed on the display unit;
 - a printing unit...
- ...printing the image inputted by the image input unit and contents of description of the **passport** onto **passport** paper previously prepared;
- an issuing unit for issuing a **passport** obtained by printing with the printing unit; and
 - a control unit for providing controls over...
- ...displays by the display unit, data input by the data input unit, and issuance of **passports** by the issuing unit; while the control unit accesses the first and second centers respectively using the communication unit, verifies an applicant for a **passport** according to the data inputted with the data input unit, makes determination as to whether an applied **passport** is to be issued or not, and when it is determined that the applied **passport** is to be issued, has the image of the applicant inputted by the image input unit and contents of description on the **passport** printed with the printing unit onto **passport** paper previously prepared and also has the **passport** obtained by printing issued with the issuing unit;
- the first center verifies the data inputted...
- ...the data input unit according to a request for verification of an applicant for a **passport** from the **passport** transaction apparatus to the first database by way of communication with the communication unit and...
- ...verifies the data inputted by the data input unit according to a request from the **passport** transaction apparatus by way of communicating with the communication unit to the second database and returns a replay according to a result of verification as to whether the applied **passport** is to be issued or not.
20. A **passport** transaction system according to claim 18 or 19; wherein said image input unit and communication...
- ...inputted by the image input unit via said communication unit to the center.
21. A **passport** transaction system according to any one of claims 18 to 20; wherein said **passport** transaction apparatus further comprises a voice input unit for inputting a voice and a voice...
- ...also outputs the voice transferred from the center to the voice outputting unit.
22. A **passport** transaction system according to any one of claims 18 to 21; wherein said **passport** transaction apparatus further comprises a direct payment unit for processing a charge for **passport** application with cash, and said control unit controls receipt of cash and changes by controlling processing by the direct payment unit.

23. A **passport** transaction system according to any one of claims 18 to 22;
wherein said **passport** transaction apparatus further comprises an indirect payment unit connected with the communication unit via a communication line to a center of a financial institution for processing a charge for **passport** application through communication between the communication unit and the financial institution, and the control unit...

1/3,K/8 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00835737

SERVICE OFFERING SYSTEM

DIENSTANBIETUNGSSYSTEM

SYSTEME SERVEURS

PATENT ASSIGNEE:

HITACHI, LTD., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

TOYOUCHI, Junichi, A103, 17-12, Yataka-cho, Sagamihara-shi, Kanagawa 228, (JP)

MORI, Kinji, 15-8, Kanai 1-chome, Machida-chi, Tokyo 195, (JP)

KAWANO, Katsumi, 1-17-503, Fujinokidai, 3-1, Sugeshengoku, Tama-ku, Kawasaki-shi, Kanagawa 214, (JP)

HONDA, Yoshinori, S325, 40-1, Utsukushigaoka-nishi 2-chome, Aoba-ku, Yokohama-shi, Kanagawa 225, (JP)

HIRASAWA, Shigeki, A507, 17-12, Yutaka-cho, Sagamihara-shi, Kanagawa 228, (JP)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 786728 A1 970730 (Basic)
EP 786728 A1 981223
WO 9703404 970130

APPLICATION (CC, No, Date): EP 96922239 960705; WO 96JP1868 960705

PRIORITY (CC, No, Date): US 1060 950711; JP 9667300 960228

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/00; G06F-019/00; G06F-017/30;

G06F-013/00; G06F-017/60;

ABSTRACT WORD COUNT: 158

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9707W5	736
SPEC A	(English)	9707W5	28188
Total word count - document A			28924
Total word count - document B			0
Total word count - documents A + B			28924

INVENTOR:

... JP)

MORI, Kinji ...

...SPECIFICATION expiration data), income amount, final graduation, specialty, occupation (sort of business, joint year), business post, **passport** number (number, expiration date), family members, anniversary

days (marriage anniversary day, family birthdays), hobby, favorable...

1/3,K/9 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

013012953 **Image available**
WPI Acc No: 2000-184804/200017
XRPX Acc No: N00-136500

Passport transaction apparatus for processing passport right from its application to its issuance in batch has control unit for transmitting data inputted by each of input units to center using communication unit

Patent Assignee: FUJITSU LTD (FUJI)
Inventor: MORI K ; NAGUMO T ; SAITO H
Number of Countries: 027 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 981120	A2	20000223	EP 98309782	A	19981130	200017 B
JP 2000037976	A	20000208	JP 98207885	A	19980723	200018
US 20010044775	A1	20011122	US 98199566	A	19981125	200176

Priority Applications (No Type Date): JP 98207885 A 19980723

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 981120	A2	E	61 G07F-017/42	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT				
LI LT LU LV MC MK NL PT RO SE SI				
JP 2000037976	A	36	B42D-015/10	
US 20010044775	A1		G06F-017/60	

Passport transaction apparatus for processing passport right from its application to its issuance in batch has control unit for transmitting data...

Inventor: MORI K ...

... NAGUMO T ...

... SAITO H

Abstract (Basic):

... communication unit and orchestrates the center. Such action is used to determine whether the applied **passport** is to be issued or not based on the identification data for the applicant which...

... A digital camera (14) inputs an image of the applicant for a **passport**. A display-touch screen unit (12) displays a guidance for the procedure for the **passport** transaction and inputs data for the application according to the procedure for **passport** transaction displayed on the display unit. A sign input unit for inputting a sign of...

...a) a **passport** transaction system...

...As a **passport** transaction apparatus for processing a **passport** right from its application to its issuance in batch...

...Makes it possible to execute transactions right from **passport** application up to its issuance more quickly by simplifying **passport** transactions that do not require any troublesome efforts for an application for a **passport** :

...The drawing shows an example of a configuration of the **passport** transaction apparatus according to a first embodiment of the present invention

Title Terms: **PASSPORT** ;

1/3,K/10 (Item 1 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

4600082 **IMAGE Available
Derwent Accession: 2001-351445

Utility

C/ Thermal transfer dye-receptive sheets and receptive layer transfer sheets

; IMAGE RECEIVER SHEETS AND LAYERS FOR DYE RECEIVERS

Inventor: Usuki, Hideki, Tokyo-To, JP

Saito, Hitoshi , Tokyo-To, JP

Takada, Takeshi, Tokyo-To, JP

Takao, Shino, Tokyo-To, JP

Assignee: Dai Nippon Printing Co., Ltd. (03), JP

Dai Nippon Insatsu K K JP (Code: 21954)

Examiner: Hess, Bruce H. (Art Unit: 174)

Law Firm: Parkhurst & Wendel, L.L.P.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6316385	A	20011113	US 2000689666	20001013
Priority				JP 99293033	19991014

Fulltext Word Count: 8634

...Inventor: **Saito, Hitoshi**

Description of the Invention:

...plastic films and the like. The object may be in any form of cards, postcards, **passports** , letter papers, report pads, notes or notebooks, catalogues and the like. In particular, the present...

1/3,K/11 (Item 2 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

4256431 **IMAGE Available
Derwent Accession: 1997-119202

Utility

E/ Service providing system for providing services suitable to an end user request based on characteristics of a request, attributes of a service and operating conditions of a processor

Inventor: Toyouchi, Junichi, Sagamihara, JP

Mori, Kinji , Machida, JP

Kawano, Katsumi, Kawasaki, JP

Honda, Yoshinori, Yokohama, JP

Hirasawa, Shigeki, Sagamihara, JP

Assignee: Hitachi, Ltd. (03), Tokyo, JP

Hitachi Ltd JP (Code: 39224)

Search Report from Ginger R. DeMille

Examiner: Matar, Ahmad F. (Art Unit: 278)
Assistant Examiner: Thomson, William D.
Law Firm: Antonelli, Terry, Stout & Kraus, LLP

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6006251	A	19991221	US 97776717	19970129
PCT	WO 9703404		19970130	WO 96JP1868	19960705
			371:19970129		
			102e:19970129		
Provisional				US 60-1060	19950711
Priority				JP 9667300	19960228

Fulltext Word Count: 28823

...Inventor: **Mori, Kinji**

Description of the Invention:

...expiration data), income level, final graduation, specialty,
occupation (sort of business, starting year), business post, **passport**
number (number, expiration date), family members, anniversary days
(marriage anniversary day, family birthdays), hobby, favorable...
?

Search Report from Ginger R. DeMille

? show files

File 21:NCJRS 1972-2003/Jul

(c) format only 2003 The Dialog Corporation

File 348:EUROPEAN PATENTS 1978-2003/Jul W03

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030731,UT=20030724

(c) 2003 WIPO/Univentio

File 637:Journal of Commerce 1986-2003/Aug 05

(c) 2003 Commonwealth Bus. Media

File 654:US PAT.FULL. 1976-2003/Jul 31

(c) FORMAT ONLY 2003 THE DIALOG CORP.

File 713:Atlanta J/Const. 1989-2003/Jul 31

(c) 2003 Atlanta Newspapers

File 756:Daily/Sunday Telegraph 2000-2003/Aug 05

(c) 2003 Telegraph Group

File 765:Frost & Sullivan 1992-1999/Apr

(c) 1999 Frost & Sullivan Inc.

File 994:NewsRoom 2001

(c) 2003 The Dialog Corporation

? ds

Set	Items	Description
S1	78	(CAMERA? OR VIDEOCAM? OR CAM OR INPUT? OR SCANNER?) (5N) (IMAGE? ? OR PICTURE? ? OR PHOTO?? OR PHOTOGRAPH? ?) (S) (APPLICANT?? OR PERSON OR INDIVIDUAL OR FOREIGNER??) (S) (PASSPORT OR PASS()PORT) (S) (MONITOR? OR SURVEILLAN? OR WATCH?)
S2	78	RD (unique items)

? t2/3,k/all
>>>KWIC option is not available in file(s): 21

2/3,K/1 (Item 1 from file: 21)

DIALOG(R)File 21:NCJRS

(c) format only 2003 The Dialog Corporation . All rts. reserv.

193151

TITLE: Biometrics: Facing Up to Terrorism

AUTHOR(S): Woodward, John D. Jr.

CORPORATE SOURCE: Rand Corporation 1700 Main Street P.O. Box 2138 Santa Monica, CA 90407-2138 A1154

2001 22 p

COUNTRY OF PUBLICATION: United States

AVAILABILITY: Rand Corporation 1700 Main Street P.O. Box 2138 Santa Monica, CA 90407-2138

AVAILABILITY INSTITUTION CODE(S): A1154

2/3,K/2 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01349467

A method for printing and verifying authentication documents

Verfahren zum Ausdrucken und Uberprufen von Authentifizierungs-Dokumente

Methode pour imprimer et verifier l'authenticite de documents

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Patton, David L., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Tsaur, Allen K., Eastman Kodak Company, 343 State Street, Rochester, New

Search Report from Ginger R. DeMille

York 14650-2201, (US)
DeAngelo, Joseph A., Eastman Kodak Company, 343 State Street, Rochester,
New York 14650-2201, (US)
Waitz, Aaron S., Eastman Kodak Company, 343 State Street, Rochester, New
York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)
PATENT (CC, No, Kind, Date): EP 1152592 A1 011107 (Basic)
APPLICATION (CC, No, Date): EP 2001201363 010413;
PRIORITY (CC, No, Date): US 558117 000425
DESIGNATED STATES: CH; DE; FR; GB; IT; LI
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-001/32
ABSTRACT WORD COUNT: 126

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200145	984
SPEC A	(English)	200145	4880
Total word count - document A			5864
Total word count - document B			0
Total word count - documents A + B			5864

...SPECIFICATION of another ways in accordance with the present. For example, the passport 60 of the **person** 130 is scanned at the remote location 190 on the **scanner** 180. The scanned **image**, document identification number 40 and unique identification number 50 which is not visible under normal...

...communication channel 160. The document identification number 40 identifies the digital image file of the **person** 130 and where the file is located on the server 110 at the central location 150. The image 125 of the **person** 130 and associated verifying information is displayed on a **monitor** 100 at the central location 150 and is compared to the transmitted image. A message...

...the remote location 190 indicating whether or not the picture 10 that is on the **passport** matches the digital image 125 stored on the server 110 at the central location 150...

2/3,K/3 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01121069

Passport transaction apparatus, passport transaction method, and passport transaction system

Vorrichtung und Verfahren zur Ausgabe eines Reisepasses

Dispositif et methode pour la fabrication d'un passeport

PATENT ASSIGNEE:

FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States:
all)

INVENTOR:

Saito, Hiroyuki, c/o Fujitsu Terminal Systems Ltd., 8-3, Tonyamachi
1-chome, Maebashi, Gunma 371-0855, (JP)

Search Report from Ginger R. DeMille

Nagumo, Tomoe, c/o Fujitsu Terminal Systems Ltd., 8-3, Tonyamachi 1-Chome
Maebashi, Gunma 371-0855, (JP)
Mori, Katsuyoshi, c/o Fujitsu Terminal Systems Ltd, 8-3, Tonyamachi
1-Chome, Maebashi, Gunma 371-0855, (JP)

LEGAL REPRESENTATIVE:

Hitching, Peter Matthew et al (74871), Haseltine Lake & Co., Imperial
House, 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 981120 A2 000223 (Basic)

EP 981120 A3 000426

APPLICATION (CC, No, Date): EP 98309782 981130;

PRIORITY (CC, No, Date): JP 98207885 980723

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-017/42

ABSTRACT WORD COUNT: 114

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200008	2593
SPEC A	(English)	200008	16551
Total word count - document A			19144
Total word count - document B			0
Total word count - documents A + B			19144

...SPECIFICATION also reduction of workload to the applicant.

In a preferred embodiment, an image of the **applicant** is inputted and transferred to a center. Thus, progress in the procedure for the **passport** transaction made by an **applicant** can be **monitored** at the center.

In a preferred embodiment, a voice is inputted and is transferred to... center, and hence there is provided the effect that it is possible to obtain a **passport** transaction system in which progress of procedure for **passport** transaction made by an **applicant** can be **monitored** at the center.

In an embodiment of the invention, an inputted voice transferred to a

...

2/3,K/4 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00573080

Method and apparatus for printing photographs on documents.

Verfahren und Einrichtung zum Drucken von Fotos auf Dokumente.

Procede et appareil d'impression de photographies sur des documents.

PATENT ASSIGNEE:

MOORE BUSINESS FORMS, INC., (201569), 300 Lang Boulevard, Grand Island
New York 14072-1697, (US), (applicant designated states: DE;FR;GB;NL)

INVENTOR:

Johnson, Thomas W., 19 Stratford Ct. E., Amherst, New York 14051, (US)

Muerle, John L., 3158 East River Road, Grand Island, New York 14072, (US)

LEGAL REPRESENTATIVE:

Spence, Anne et al (36205), Fry, Heath & Spence St. Georges House 6
Yattendon Road, Horley Surrey RH6 7BS, (GB)

PATENT (CC, No, Kind, Date): EP 569171 A1 931110 (Basic)

APPLICATION (CC, No, Date): EP 93303216 930423;

PRIORITY (CC, No, Date): US 880033 920508

305-Aug-0312:48 PM

Search Report from Ginger R. DeMille

DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: B42D-015/00;
ABSTRACT WORD COUNT: 112

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	527
SPEC A	(English)	EPABF1	2751
Total word count - document A			3278
Total word count - document B			0
Total word count - documents A + B			3278

...SPECIFICATION THE INVENTION

There have been several attempts in the past to incorporate a photograph in **personal** documents such as bank checks and other identification type documents or cards. In U.S...

...provides a frame of portrait video, processes the portrait video, provides identification card format and **individual** specific data, forms a combined identification card image of the portrait video, card format and **individual** specific data, and produces a hard copy image of the identification card image. In U...

...4,687,526, there is disclosed a method of making an identification card wherein a **photograph** from a video **camera** is converted to digital data which may be combined with signatures, fingerprints, and variable data...

...Nos. 4,911,748 and 4,928,996, there is disclosed a process for forming **personal** booklets with photographs such as passports and bank books. In producing a **passport**, for example, **personal** data is prepared by entering it with a word processor having a CRT display, a...

...based on data provided in the application form and stored in a floppy disk. The **personal** data is stored in the form of coded data entry along with the **personal** identifying number read out from the bar code label. The picture of the **applicant** is supplied by the **applicant** and is attached to the application form. The **applicant**'s image along with the **personal** data is then composed as a single composite image by an image composer device. The operator of the system can then edit the composite image on a color **monitor** (a color CRT display) and ultimately the composite image is printed on thermal transfer type...

2/3,K/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00984062 **Image available**

IMAGE PRINTING APPARATUS INCLUDING A MICROCONTROLLER

APPAREIL D'IMPRESSION D'IMAGES COMPRENANT UNE MICRO-UNITE DE COMMANDE

Patent Applicant/Assignee:

SILVERBROOK RESEARCH PTY LTD, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SILVERBROOK Kia, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

SILVERBROOK Kia (agent), Silverbrook Research Pty Ltd, 393 Darling

Search Report from Ginger R. DeMille

Street, Balmain, New South Wales 2041, AU,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200313858 A1 20030220 (WO 0313858)
Application: WO 2002AU920 20020709 (PCT/WO AU0200920)
Priority Application: US 2001922275 20010806
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 140412

Fulltext Availability:
Detailed Description

Detailed Description

... source vector L. 111INII is also used to calculate R*V, which is required as **input** to the Calculate Specular 2 process. The following constants are set by software.

Constant Value...

...490 is responsible for reading the current line of the bump-map. It provides the **input** for determining the slope in X. Bump-map Sequential Read Iterators 491, 492 and are...

2/3,K/6 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00828427 **Image available**

CAMERA DEVICE

DISPOSITIF DESTINE A UN APPAREIL DE PRISE DE VUES

Patent Applicant/Inventor:

BJORKLUND Leif, Klippgatan 20, S-116 35 Stockholm, SE, SE (Residence), SE
(Nationality)

Legal Representative:

STRANDIN Helene (et al) (agent), Bergenstrahle & Lindvall AB, Box 17704,
S-118 93 Stockholm, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200162013 A1 20010823 (WO 0162013)
Application: WO 2001SE231 20010207 (PCT/WO SE0100231)
Priority Application: SE 2000475 20000215

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: Swedish
Fulltext Word Count: 1697

Search Report from Ginger R. DeMille

Fulltext Availability:
Detailed Description

Detailed Description

... at the one end of
a cabin-like space similar to a photographic automat for
passport photos, preferably behind an inner wall 13 @, --Lth an
opening for the camera 1. The...

...is provided with background films or images and controls
the moveable additional screen 9. A **person** 4 can enter the cabin
through a door or opening 14. When inside the **person** 4 can
select a film section and in real time look at himself on a
monitor 8 which preferably is at eye level next to the opening
for the camera 1...

2/3,K/7 (Item 1 from file: 637)
DIALOG(R)File 637:Journal of Commerce
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0006291835

Facing the future

JOURNAL OF COMMERCE (JC) - May 26, 2003
By: ANN SACCOMANO
Edition: JoC Week Section: SUPPLYSEC Page: 33
Word Count: 1045

...maritime security documentation.
The most familiar biometric to the public is one on everyone's **passport** -
the photograph, or "facial recognition." Even that one is due for an
overhaul. The ICAO...

... scored 85 percent compatibility, followed by fingers and eyes at 60 to
70 percent. The **camera** takes the **picture**, and a computer matches it
with a known **person**.
Most people around the world are comfortable with having their picture
taken, so the privacy...

...measures for the area encompassing national monuments in Washington.
Frey said these efforts are being **watched** closely by law-enforcement
agencies. They want to do more than just identify a **person**; they want to
pick him out of a crowd. Photography can do that. "You can..."

2/3,K/8 (Item 1 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
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0005268916 **IMAGE Available
Derwent Accession: 1999-132531

Preprinted print rolls for postal use in an image processing device

Inventor: Kia Silverbrook, INV
Correspondence Address: SILVERBROOK RESEARCH PTY LTD, 393 DARLING STREET,
BALMAIN, 2041, AU

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20030117496	A1	20030626	US 2002189477	20020708

Fulltext Word Count: 137663

2/3,K/15 (Item 8 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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0004933636 **IMAGE Available

PASSPORT TRANSACTION APPARATUS, PASSPORT TRANSACTION METHOD, AND PASSPORT TRANSACTION SYSTEM

Inventor: HIROYUKI SAITO, INV

TOMOE NAGUMO, INV

KATSUYOSHI MORI, INV

Assignee: FUJITSU LIMITED (03)

Correspondence Address: ARMSTRONG, WESTERMAN, HATTORI, MCLELAND & NAUGHTON, LLP, 1725 K STREET, NW, SUITE 1000, WASHINGTON, DC, 20006, US

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 20010044775	A1	20011122	US 98199566	19981125
Priority				JP 98207885	19980723

Fulltext Word Count: 25457

Summary of the Invention:

...0026] In the present invention, an image of the **applicant** is inputted and transferred to a center. Thus, progress in the procedure for the **passport** transaction made by an **applicant** can be **monitored** at the center...

Description of the Invention:

...center, and hence there is provided the effect that it is possible to obtain a **passport** transaction system in which progress of procedure for **passport** transaction made by an **applicant** can be **monitored** at the center...

2/3,K/16 (Item 9 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4877383 **IMAGE Available

Derwent Accession: 1998-009129

Utility**Method and apparatus for discerning image distortion by reference to encoded marker signals**

Inventor: Rhoads, Geoffrey B., West Linn, OR

Assignee: Digimarc Corporation (02); Tualatin, OR

Examiner: Couso, Jose L. (Art Unit: 261)

Combined Principal Attorneys: Meyer, Joel R.Digimarc Corporation

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 6567533	A	20030520	US 2000561407	20000427

watermark. Private watermarks are used...

...the read watermark function. This provides a tool to inspect work to discover sources of **individual** elements. Copyright hierarchies in composited works and partnering with companies addressing rights management ...Web site is responsible for maintaining the locator service and ensuring that information is available. **Individual** image creators are responsible for maintaining their own contact details, keeping them current as information...is illustrated in FIGS. 51 and 52. However, the selective approach is less comprehensive in **monitoring** the use of watermarked images, which is disadvantageous if the application is configured to automatically...patterns, and that even in the worst case scenario where a would-be pirate is **monitoring** the step-by-step microcode instructions of a microprocessor, this gathered

2/3,K/18 (Item 11 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4828166 **IMAGE Available

Derwent Accession: 2000-013122

Utility

E/ **Processing scanned security documents notwithstanding corruptions such as rotation**

Inventor: Rhoads, Geoffrey B., West Linn, OR

Assignee: Digimarc Corporation (02), Tualatin, OR

Digimarc Corp (Code: 48564)

Examiner: Johns, Andrew W. (Art Unit: 261)

Combined Principal Attorneys: Conwell, William Y.Digimarc Corporation

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6522771	A	20030218	US 2001761280	20010116
Division	US 6345104	A		US 98127502	19980731
Continuation	US 5745604	A		US 96614521	19960315
Continuation	Abandoned			US 94215289	19940317
CIP	Pending			US 9874034	19980506
CIP	US 6122392	A		US 97967693	19971112
CIP	US 5862260	A		US 96649419	19960516

Fulltext Word Count: 14694

Description of the Invention:

...property that the same output pattern is produced, regardless of rotation or scaling of the **input image**. The invariant output pattern is shifted in one dimension proportional to image rotation, and shifted ...of the sort commonly sold as an accessory for personal computers), and scanned. The resulting **image** data was **input** to Adobe's Photoshop **image** processing software, version 4.0, which includes Digimarc watermark reader software. The software readily detected...their date and place of issuance; identification documents encoded with authentication information by which a **person**'s identify can be verified; etc., etc... For example, watermark data in a **passport** need not encode a complete dossier of information on the **passport** owner. Instead, the encoded data can include key data (e.g. a social security number) identifying a particular record in a remote database in which biographical data pertaining to the **passport** owner is stored. A **passport** processing

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station employing such an arrangement is shown in FIG. 11...similar ruse is to scan a security document image on a non-security document-sensing **scanner**. The resulting **image** set can then be edited by conventional image editing tools to remove/obliterate the visible...certain markings may be distributed through known sources, and their circulation/distribution can subsequently be **monitored** to assist in macro-economic analyses a comprehensive disclosure without unduly lengthening the following specification, **applicants** incorporate by reference the patents and applications cited aboveTo provide a comprehensive disclosure without unduly lengthening the following specification, **applicants** incorporate by reference the cited patent documents...A similar ruse is to scan a banknote **image** on a non-banknote-sensing **scanner**. The resulting **image** set can then be edited by conventional image editing tools to remove/obliterate the visible...

2/3,K/19 (Item 12 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4808371 **IMAGE Available

Derwent Accession: 2001-389994

Utility

E/ System and method of fast biometric database searching using digital certificates

Inventor: Musgrave, Clyde, Frisco, TX

Cambier, James L., Medford, NJ

Assignee: Iridian Technologies, Inc. (02), Moorestown, NJ

Iridian Tech Inc

Examiner: Amsbury, Wayne (Art Unit: 211)

Assistant Examiner: Nguyen, Cam-Linh T.

Law Firm: Woodcock Washburn LLP

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 6505193	A	20030107	US 99452603	19991201

Fulltext Word Count: 12633

Description of the Invention:

...is provided at each computing platform CP for obtaining an unique biometric image of a **person** at the computing platform CP. A processor processes the obtained image and the digital certificate...

...pointed to by the digital certificate DC in order to authenticate the identification of the **person** at the computing platform as an authorized user for that particular computing platform CP. A level of access and other entitlements may be granted to the **person** to use the computing platform CP based on the results ...of the authentication of the computing platform and the authentication of the identification of the **person** at the computing platform...as being an authorized platform for a particular application, they do not necessarily identify the **person** at the computing platform sending the request. In fact, people have multiple and completely incompatible...

...such as an iris image of an eye, for the purpose of positively identifying the **person** at the platform. An imager 100 is located proximate to each of a plurality of...FIG. 2 shows an exemplary combined

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4788075

Derwent Accession: 2003-265382

Utility

E/ **Digital authentication with digital and analog documents**

Inventor: Zhao, Jian, Rumford, RI

Assignee: MediaSec Technologies LLC (02), Providence, RI

MediaSec Tech LLC

Examiner: Johns, Andrew W. (Art Unit: 261)

Assistant Examiner: Nakhjavan, Shervin

Combined Principal Attorneys: Nelson, Gordon E.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6487301	A	20021126	US 2001874490	20010605
CIP	US 6243480	A	20010605	US 9870524	19980430

Fulltext Word Count: 11548

Description of the Invention:

...either the digital representation has been altered or the digital representation is not from the **person** to whom the public key used to decrypt the digest belongs. For details on authentication...semantics reader 507 is a scanner which provides its output to OCR software. With other **images**, the **scanner** provides its output to whatever **image** analysis software is required to analyze the features of the image that make up semantic...that are never in analog form is authenticating video frames produced by a digital video **surveillance** system...tax forms, licenses, certificates of title, diplomas, and the like): for each document: name of **person** to whom the document pertains and document number...

...Documents that give a **person** an entitlement to something (checks, credit and debit cards, shares of stock, tickets of all...ID card, the first portion is the part of the card that contains the identified **person**'s name, birth date, and other identity information and the second portion can be a photo of the identified **person**. The authentication information is been incorporated into the photo as a digital watermark...as well. For example, it can be Product Universal Barcode, ID card number, bankcard number, **passport** number, student ID, social security number, ISBN, and so forth. The reference number may further...continuing problem with E- commerce is that the Web merchant has no proof that the **person** making a credit card purchase on the Internet is in actual possession of the credit...

...application, analog form converter 709 is a PC that includes apparatus such as a Web **camera** for making an **image** of the credit card. As part of the Web purchasing procedure, the purchaser can send...The technique just described can be applied to other identification ID documents such as **passport**, immigration papers, and driver licenses. The major advantage of such online verification is that the...

2/3,K/22 (Item 15 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4734321 **IMAGE Available

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customers and the world know that they are signing their material and that the **monitoring** service is in place, backed up by whatever statistics on the ability to catch infringers...

...A general prerequisite to this first value is the actual recovered royalties derived from the **monitoring** effort and its building of a track record for being formidable (enhancing the first value...

...The semi-public **monitoring** stations and the public **monitoring** stations largely follow the same pattern, although in these systems it is possible to actuallyA large coordinated **monitoring** service using the principles of this invention would classify its creative property supplier clients into...

...that use generally public domain master codes (and hybrids of the two, of course). The **monitoring** service would perform daily samplings (checks) of publicly available imagery, video, audio, etc., doing high...

...randomly downloaded, etc. These basic data streams would then be fed into an ever-churning **monitoring** program which randomly looks for pattern matches between its large bank of public and private...

...out as flagged match material, owners of that material would be positively identified and a **monitoring** report would be sent to the client so that they can verify that it was a legitimate sale of their material. The same two values of the private **monitoring** service outlined above apply in this case as well. The **monitoring** service could also serve as a formal bully in cases of a found and proven...photograph) is first transformed in its fourier representation using well known 2D FFT routines. The **input image** may look like the one in FIG. 36, upper left image. FIG. 33 conceptually represents...

2/3,K/23 (Item 16 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4716122 **IMAGE Available

Derwent Accession: 2002-680886

Utility

E/ **Apparatus and methods for user recognition employing behavioral passwords**

Inventor: Kanevsky, Dimitri, Ossining, NY

Maes, Stephane H., Danbury, CT

Assignee: International Business Machines Corporation (02), Armonk, NY

International Business Machines Corp (Code: 42640)

Examiner: Ahmed, Samir (Art Unit: 263)

Law Firm: F. Chau & Associates, LLP

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 6421453	A	20020716	US 9879754	19980515

Fulltext Word Count: 22660

Description of the Invention:

...a service or facility). Further, the invention may be utilized to identify and verify an **individual** prior to providing the **individual**

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with an object, such as a paycheck or other goods. According to the invention, an **individual** is recognized based on the use of a behavioral password which consists of a sequence...

...and objects (e.g., proof of possession) as described herein may utilized to recognize an **individual** in accordance with the invention. Also, the invention allows for the processing of multiple commands...for example, an imaging system such as a stereo camera system). The identification of an **individual** may be applied to configure a natural computer based on the user's preferences and...

...understanding of the invention, an overview of the concepts involved in the recognition of an **individual** are hereinafter described. According to the invention, an **individual** may be recognized via the use of a behavioral password. The password includes a sequence...be incorporated into a behavioral password. For example, the speed associated with the performance of **individual** gestures making up a gesture pin, or the speed of transitioning from one gesture to...In addition to the use of behavioral passwords to recognize an **individual**, the invention also contemplates the concurrent use of additional biometric and/or non-biometric features...is hereinafter referred to as proof of possession. The proof of possession is when an **individual** is in possession of a specific object, and the object is known to be associated with the **individual** or can be confirmed to be associated with the **individual**. That is, the fact that the **individual** possesses the specific object makes it more likely than not that that **individual** is the **person** to whom the object is known to be associated with. For example, an **individual** may present/display a social security card, credit card, etc., during a recognition session to it more likely than not that the **person** presenting/displaying the card is John Smith. Taken alone, this verification technique may be defeated in circumstances where a **person** is in fraudulent possession of a stolen card or other item. However, taken in combination...

...the other recognition means, the proof of possession provides another useful supplement in recognizing an **individual**.

...

...Thus, to summarize what was disclosed above, an **individual** may be recognized in accordance with the invention based on behavioral passwords (i.e., a...

...span of user associated indicia which may be embodied by the invention to recognize an **individual**, such indicia may be hereinafter collectively referred to using the phrase "total biometrics". Thus, this phrase is deemed to include all indicia attributable to an **individual** from which the **individual** may be recognized. It is to be appreciated that as the number of recognition techniques employed to recognize an **individual** increases, the accuracy of the corresponding recognition also increases...knowledge); user actions (what user do); user possessions (what users own); and what users are (**individual** characteristics). According to the invention, indicia corresponding to the aforementioned categories are extracted from an **individual** during an enrollment session and pre-stored in a user profile database. At a subsequent...

...to the enrollment session and the subsequently extracted indicia corresponding to the recognition session, the **individual** is considered recognized. It is to be appreciated that the gestures and sounds that are access control. With respect to both illustrative embodiments, consider that an **individual** seeks to gain access/entry to a computer/service/facility which implements gesture recognition. The

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individual produces a sequence of gestures. He may, for example, touch a part of his body...that are used to classify/identify/verify the user. Noise movements are gestures that a **person** may produce which are not part of a gesture pin nor associated with the gesture...non-biometric features and the proof of possession to provide additional means for recognizing an **individual** .

...be split into the following categories: what users know (user knowledge) 105a; what users are (**individual** characteristics) 105b; what users do (user actions) 105c; and what users own (user possessions) 105d ...

...with other people, financial and medical history, languages known by the user, and passwords (110a). **Individual** characteristics (what users are) 105b are generally "observable" in that they may be observed/extracted via sensors such as cameras and microphones. Some examples of **individual** characteristics are voice print, fingerprints, hair color, pulse, height, weight, and eye print (110b). User...above. It is to be appreciated that the invention may be implemented to recognize an **individual** based on a combination of features from both categories (i.e., natural and sensor specific...a combination may result from the conventional method of simply combining the score of the **individual** mutually exclusive recognition techniques corresponding to each feature or by synchronizing multiple features as described...characteristics such as height, weight, and hair color. These biometrics are obtained by first extracting **images** of a user via a **camera** imaging system. Thereafter, simple geometric techniques may be used to measure morphological characteristics such as...

...art, further details associated therewith are not provided. It is to be appreciated that an **individual** need not provide an identity claim in order to identify himself since he may be...Ser. No. 09/063,805, a method for obtaining secured access includes presenting a user (**person** accessing secured data, goods, services, and/or information) with one or more images and/or...installed 302 to, in, or near such properties. Through the use of these sensors an **individual** who attempts to use an item (or enter a building/vehicle/boat) can be detected...Unintentional biometrics pertain to biometrics which are inherently present in an **individual** 's behavior. Thus, they can be considered as natural biometrics 106a. According to the illustrative...

...in a user's dialog during his or her interactions with a machine or other **individual** (s) 406, during his or her answers to questions 407, or via speech reading 408...Intentional biometrics 403 pertain to biometrics that are intentionally produced by an **individual** in order for that **individual** to be authenticated by a security system. Similar to unintentional biometrics 402, three classes of...109b indicates (i.e., identifies) the various biometric sources to be used to recognize an **individual** . Then, a single source evaluation module 415 evaluates each source of biometrics separately. For example...

...feature evaluated (i.e., each evidence), a score is attained representing a match between the **individual** feature evaluated and the corresponding feature of a given user (i.e., a verified user...

...a distance between measured biometrics produced by a verified user and stored prototypes of some **person** . After each single source is evaluated, then a combined source evaluation module 416 performs a...via the utilization of gesture pins according to an embodiment of the present invention. An **individual** /user 500 attempting to obtain access to a computer/facility/service 502 produces a sequence of gestures. The

individual may, for example, touch himself (e.g., his nose) or another object (a picture on...FIG. 5 also includes reproduction means 508 (e.g., a speaker or **monitor**) for furnishing requests/information to an **individual** (e.g., asking questions such as user identity, requesting a user's gesture pin, or...Strokes can be defined using predetermined rules. In the case where an **individual** moves his hand up and down, then touches his nose and finally, touches his forehead...a new gesture pin. This security system 710 can include an administrator that checks the **individual**'s ID (e.g., **passport**, driver's license) or a speaker verification system. If the user 500 is requesting a...705 to database 505) is optional since a gesture pin is utilized to verify an **individual** and not to necessarily identify the **individual** (although it may be so used). Thus, two or more individuals, having first been identified...

...pin from reproduction means 508. Reproduction means 508 may include visual (e.g., display or **monitor**) and oral (e.g., speaker) reproduction means. Thus, the new gesture pin can be obtained...to predefined gesture pins. That is, since pins are not necessarily used to identify and **individual** (but rather to verify the **individual** once the **individual** is identified), two (or more) users may have the same gesture pin...

...can include modules corresponding to any number of features that may be associated with an **individual**, such as, for example, voice print, face recognition, signature recognition, face temperature infrared pattern, lip...a difference with conventional combined recognition technique systems which merely combine the scores of the **individual** mutually exclusive techniques but do not attempt to check the synchronization of the features extracted...

...sequence of segmentation units are associated to an identical index. For example, consider that an **individual** speaks the word "open" during a time interval from $t_{sub}0$ to $t_{sub}1$...An apparatus for recognizing an **individual** based on attributes associated with the **individual** according to embodiment of the invention of U.S. Pat. No. 6,219,639 includes a store for pre-storing two or more distinctive attributes of the **individual** during an enrollment session. A contemporaneous extraction means contemporaneously extracts the two or more distinctive attributes from the **individual** during a common recognition session. A segmentation means segments the pre-stored attributes and the...

...stored and extracted attributes associated to the identical index to each other to recognize the **individual**.

...enrollment versus $t_{sub}2_{sub}3_{sub}$ -- t_{sub} recognition, and so on) to recognize the **individual**.

an **individual** according to the synchronization technique requires synchronizing both the pre-stored and the later extracted features of the **individual** and respectively comparing the synchronized pre-stored and later extracted features. Thus, in the first...219,639, but rather via the conventional method of simply combining the scores of the **individual** mutually exclusive techniques...

...module 507, so that module 507 can process the results of all the comparisons. An **individual** is considered recognized if the results of all the recognition techniques are positive. Access module...the performance of the gesture pin such as the speed associated with the performance of **individual** gestures making up a gesture pin. One such way of storing the productions is via...601, reduces the number of different vectors (images) required to be processed to recognize an **individual**.

...be incorporated into a behavioral password (e.g., the speed

associated with the performance of **individual** gestures making up a gesture pin, the speed of transitioning from one gesture to ... respectively denoted by numbers 1314. A slash (.backslash.) is used to illustrate the end of **individual** strokes, which are defined as described below. In accordance with rule 904c (position changes), a... example, if a gesture pin performed by a user during a recognition session includes three **individual** nodding movements and the user pin only includes a single nodding movement, a match may...down") is optional with respect to the interpretation (i.e., when a **person** touches his nose he may or may not put his head down, thus an interpretation... gestures) may be incorporated into a behavioral password as an additional way to recognize an **individual**, they may also be "noise" movements which are not considered in the recognition process. As stated above, noise movements are gestures that a **person** may produce which are not part of a gesture pin nor associated with the gesture...the actual gestures which make up a gesture pin. For example, before and after a **person** produces a gesture pin (comprised of a dance step), he may be required to perform...sequence of gestures, the detection of an gesture pin onset is critical to identifying the **individual**. To illustrate this importance, consider the following examples. The standard practice used to send a...associated moves that may accompany gesture pins (i.e., deliberate moves). For example, while a **person** is nodding his head, he may accidentally take a small step (thus, the small step...It is to be appreciated that while the same **individual** will likely perform the same gesture pin numerous times in ...different individuals may perform the same gesture pin slightly differently. For example, the speed between **individual** gestures in a gesture sequence may vary between different individuals as well as the smoothness...combined with additional indicia (i.e., the broader concept of total biometrics) to recognize an **individual**.

...the concept of total biometrics (which includes behavioral passwords) may be implemented so that an **individual** can be verified based on numerous indicia, as stated above. It is to be appreciated... preferences associated with a particular group may be automatically invoked. For example, if an older **person** is detected, the text size in a display and the volume in an output speaker...service or facility). Further, the present invention may be utilized to identify and verify an **individual** prior to providing the **individual** with an object, such as a paycheck or other goods. For example, an **individual** entering a classified area of a military base or other restricted area may be recognized based on the use of behavioral pins. The **individual** may be required to enter a sealed room where he performs a sequence of gestures ...

...It is to be appreciated that an **individual** may be recognized ...may be implemented where certain gestures are stored which do not correspond to a particular **individual** but instead indicate emotions such as nervousness. Accordingly, the stereo camera system 501c may be...

...so that additional recognition techniques (thermal scan, etc) may be implemented with respect to that **individual**. The above examples directed to non-computer applications can also be utilized in homes and ...computing environment it may also be implemented in any scenario to where recognition of an **individual** is required prior to the **individual**'s access to

2/3,K/24 (Item 17 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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manager's card is discharged and the screen saver is displayed on the **monitor** 22...

...number." is displayed after the picture H turned into the picture I. Thereafter, a screen (**Picture** J-2) for urging to **input** any one of the following items; (1) to input voter's information, (2) to discharge operation, is displayed. If item (1) is selected on the touch panel **monitor** 22, processing according to the flowchart shown in FIG. 10 is performed. If the item...1) is selected to input, a message "Push an operation number." is displayed and a **picture** for selectively **inputting** (**Picture** L) among the following three items is displayed; (1) Input a voter s number, (2...

...to input, a message "Please input a voter's number." is displayed and then a **picture** for urging to **input** the voter's number indicating figures "1" to "0" is displayed. By touching these figures on the touch panel **monitor** 22, figures appears in a column for the voter's number. Touching the confirmation button...the voter's information. Here, if the required data is input through the touch panel **monitor** 22, the display on the **monitor** 22 turns into the Picture C. The display then turns into the confirmation mode as...shut down" is selected, a message "Please touch operation button" is displayed and thereafter a **picture** (**Picture** S) for selective **input** from one of the following is displayed; (1) Confirmation of connection of data base, (2...database together with the portrait photograph of the voter so that the voting by another **person** may be avoided by the confirmation with man's eyes. The ID card is issued ...

2/3,K/25 (Item 18 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4686302 **IMAGE Available

Derwent Accession: 2002-565093

Utility

M/ Access control system

Inventor: Zagami, Anthony, Jupiter, FL

Assignee: Security Identification Systems Corp. (02), West Palm Beach, FL
Security Identification Systems Corp

Examiner: Pitts, Harold I. (Art Unit: 286)

Law Firm: McHale & Slavin

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 6394356	A	20020528	US 2001872395	20010604

Fulltext Word Count: 5599

Description of the Invention:

...The access control system of the present invention **monitors** human ingress and egress by processing identification data and documents, capturing and storing digital images...

...and other personnel. The system of the present invention creates a unique identifier for a **person** at a point of entry. The unique identifier preferably includes a digital image of the **person** seeking entry, a digital image of an identification document, such as a driver's

license, and alphanumeric identification data consisting of the **individual** 's name, company affiliation, etc. The unique identifier is stored in binary form in a...access control system according to a preferred embodiment. To create a unique identifier for a **person** seeking entry, personal data for an **individual** seeking access is entered via input means 12. The input means 12 preferably includes a...

...hereinafter, the digital imaging unit 14 is operable to record a digital image of a **person** 14a and a digital image of an identification document for the **person** 14b. The input means 12 can include a magnetic strip reader 17 which can input...

...The input means 12 can also include a means to capture biometric data from an **individual** .

...a timekeeping means operable to capture chronological parameters. The processing means is coupled to a **monitor** display 24 and a printer 26 operable to generate an access pass 28. The entry...can be any device operable to record digital images of an identification document and the **person** bearing the identification document. The digital imaging unit 35 preferably includes at least one digital...

...the focus position. The camera 33 is preferably mounted to allow for pivotal motion. The **individual** elements of the camera 33 are well known in the art and need not be...of a document in a first plane of focus and a digital image of a **person** in a second plane of focus. The camera 33 is operable to pivot from a...

...FIG. 2a) to a second, outwardly directed position (shown in FIG. 2b) to photograph a **person** . As seen most clearly in the top view shown in FIG. 3, the housing 36...be a business card, passport, or other document which can authenticate the identity of the **individual** . In the practice of the invention, the identification document is preferably a form of photo...

...to the second, outwardly directed position so that the lens 38 is directed towards a **person** 51 positioned substantially in front of the digital imaging unit 35. It will be noted...

...housing and the placement of the camera 33 within the housing 36 ensures that a **person** placing an identification document into document receptacle 41 will be in approximately the correct position for the **camera** 35 to capture a facial **image** of the **person** 51. The **camera** utilizes focusing methods well known in the art to adjust the focal length of lens...

...the infrared signal to direct the lens 38 (using pan and tilt movements) towards the **person** 51...touchscreen, or magnetic strip reader. The alphanumeric identification data preferably includes the name of the **individual** , and can also include additional information such as the **individual** 's company affiliation and residential address and other miscellaneous data as might be relevant...be required to specify an internal destination within the facility. Using the name of the **individual** , the database is queried 62 to determine if a unique identifier has previously been established for the **individual** . If no match is found, a unique identifier is created for the visitor 63. The unique identifier 64 includes the digital image of the **person** , a digital image of the identification document, and associated alphanumeric text which are captured in...a negative access permission designator associated with a unique identifier to deny entry to an **individual** . If such an **individual** attempts to gain access to the facility, the database query in step 62 retrieves the...The access pass 70 preferably

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includes the digital image of the individual in combination with a digital image of the identification: document 72. The individual's name 73 (and company affiliation if applicable) are preferably printed on the pass. The...s travel path through the facility. The sensing mechanism can be coupled to a display **monitor** so that for visual verification of the identity of the visitor. A sensing mechanism can...the facility at any given time. It is also possible to determine if a specific **individual** is within the facility, or to obtain a report documenting a specific **individual** 's visitation history within a specified interval of time. A report could also be produced...

...satellite or the Internet. Using the system of the invention, the whereabouts of a specific **individual** could be determined from a location outside the facility. This also permits the generation of this way, approval or denial of access for an **individual** can be physically implemented. Physical access control devices can also serve to restrict an **individual** bearing an access pass to certain areas in the facility, such as a specific floor...

2/3,K/26 (Item 19 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4671872 **IMAGE Available

Derwent Accession: 1996-518986

Utility

E/ **Watermark encoding method exploiting biases inherent in original signal**

Inventor: Rhoads, Geoffrey B., West Linn, OR

Assignee: Digimarc Corporation (02), Tualatin, OR

Digimarc Corp (Code: 48564)

Examiner: Couso, Jose L. (Art Unit: 261)

Combined Principal Attorneys: Meyer, Joel R.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6381341	A	20020430	US 99441820	19991117
Division	Pending			US 98186962	19981105
Continuation	US 5862260	A		US 96649419	19960516

Fulltext Word Count: 58997

Description of the Invention:

...Although all of the possible applications of the following aspect of **applicant** 's technology are not fully developed, it is nevertheless presented as a design alternative that...on a non-symmetric universal coding which double checks incoming video to see if the **individual** frames of video itself, the visual data, contain XYZ's own relatively high security internal...

...frame universal codes are found. However, another piece of their commercial network performs mundane routine **monitoring** on Internet channels to look for unauthorized transmission of their proprietary creative property. They control...the codes," whereas it can be somewhat easily by-passed in the case of "random **monitoring** (policing) for the presence of codes." [Bear in mind that the non-symmetric universal codes ...

FIG. 29 may have...

2/3,K/27 (Item 20 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4632230 **IMAGE Available

Derwent Accession: 2000-013122

Utility

CERTIFICATE OF CORRECTION

E/ Digital watermarks and methods for security documents

Inventor: Rhoads, Geoffrey B., West Linn, OR

Assignee: Digimarc Corporation (02), Tualatin, OR

Digimarc Corp (Code: 48564)

Examiner: Johns, Andrew W. (Art Unit: 261)

Combined Principal Attorneys: Conwell, William Y.Digimarc Corporation

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6345104	A	20020205	US 98127502	19980731
Continuation	US 5745604	A		US 96614521	19960315
Continuation	Abandoned			US 94215289	19940317
CIP	US 6122392	A		US 97967693	19971112
CIP	Abandoned			US 94215289	19940317
Provisional				US 60-82228	19980416

Fulltext Word Count: 15435

Description of the Invention:

...property that the same output pattern is produced, regardless of rotation or scaling of the **input image**. The invariant output pattern is shifted in one dimension proportional to image rotation, and shifted ...of the sort commonly sold as an accessory for personal computers), and scanned. The resulting **image** data was **input** to Adobe's Photoshop **image** processing software, version 4.0, which includes Digimarc watermark reader software. The software readily detected...their date and place of issuance; identification documents encoded with authentication information by which a **person**'s identify can be verified; etc., etc... For example, watermark data in a **passport** need not encode a complete dossier of information on the **passport** owner. Instead, the encoded data can include key data (e.g. a social security number) identifying a particular record in a remote database in which biographical data pertaining to the **passport** owner is stored. A **passport** processing station employing such an arrangement is shown in FIG. 11...similar ruse is to scan a security document image on a non-security document-sensing **scanner**. The resulting **image** set can then be edited by conventional image editing tools to remove/obliterate the visible...certain markings may be distributed through known sources, and their circulation/distribution can subsequently be **monitored** to assist in macro-economic analyses...To provide a comprehensive disclosure without unduly lengthening the following specification, **applicants** incorporate by reference the patents and applications cited above...To provide a comprehensive disclosure without unduly lengthening the following specification, **applicants** incorporate by reference the cited patent documents...A similar ruse is to scan a banknote **image** on a non-banknote-sensing **scanner**. The resulting **image** set can then be edited by conventional image editing tools to remove/obliterate the visible...

2/3,K/28 (Item 21 from file: 654)
 DIALOG(R)File 654:US PAT.FULL.
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4594497 **IMAGE Available
 Derwent Accession: 1999-347528

Utility

E/ **Biometric system and techniques suitable therefor**

Inventor: Gressel, Carmi David, Mobile Post Negev, IL

Assignee: M-Systems Flash Disk Pioneers Ltd. (03), Kfar Saba, IL
 M Systems Flash Disk Pioneers Ltd IL

Examiner: Peeso, Thomas R. (Art Unit: 212)

Law Firm: Merchant & Gould P.C.

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 6311272	A	20011030	US 98193505	19981117
Priority				IL 122230	19971117

Fulltext Word Count: 9357

Description of the Invention:

...to computers, homes, offices, or sensitive facilities, and for establishing a provable relationship between a **person** and certain information, for use in payment systems, visa and **passport** systems, health files, etc...into a model using a single or a combination of three basic building blocks. A **person** can be identified by something s/he knows, e.g., a personal identification number (PIN); something a **person** possesses, e.g., a **passport** or driver's license, a credit card; and/or something about such a **person**, e.g., a signature or the manner of making such a signature; a fingerprint; the unique hand or finger geometry; the **person**'s voice or manner of speech, or the **person**'s facial features...

...possible for such a system adversary to record and reuse such data to impersonate another **person** with the intention of violating a set of system access rules. Examples are innumerable, e should not be in the public domain, e.g., a **person**'s PIN code, an accurate template of his fingerprint, or his hand or finger geometry...

...network, to be authenticated against the central data base's records, to ascertain whether the **person** requesting entry is the rightful holder of a period pass. If a user's bank...be maintained in a reasonably confidential manner. Examples of potential non-confidential biometric data are **passport** pictures, fingerprints, which can be copied from an ordinary drinking glass, signature accelo-rhythm or...secret identification numbers are stored, the comparison to a template is preferably executed in the **individual** smart card, and revisions to a template are typically executed within the smart card, or...system. In such systems, it is possible to control who can do what, where the **individual** can do it, when, where, and in what period of time, e.g., a doctor...sections of a patient's health file. A biometrically activated smart card can grant an **individual** access to a bank's safe...in each of the methods in public use. Eastman Kodak vends software packages that compress **individual** facial data, by defining geometries and hues of facial components, allowing 60 bytes of feature coded data to suffice for

Search Report from Ginger R. DeMille

reproducing a **passport** picture, whereas other data compression methods, not relying on computer held facial templates, utilize up...

...to compress feature data to from 256 bytes to 1K bytes of memory for each **individual** print...measures the ratio between impostors who have been granted acceptance to the total number of **applicants** for acceptance...

...group who have been improperly rejected by the identification system and the total number of **applicants** ...take a one in one thousand chance of attempting to deferred the system in a **monitored** environment, a FAR threshold of 100 would be reasonable off the system ...However, if, as in the case of an amusement park, a **person** is merely being linked to a low value period (e.g. a week's pass...

...in the threshold value have little effect on the outcome of a biotest. If an **individual** is accepted by the biotest, it is clear that there is only a one in...mean that the guards would typically be called upon to process about one in thirty **applicants** . Loosening the threshold values up to the crossover point serves to cause both an FARThe accuracies encountered in linking a **person** to a template of features are dependent on the strategy of the system operator and...and commands are carried out, only when receiving proper authority from another device or authorized **person** to execute a verified command. It is usually assumed that an adversary can learn at...the enrollment officer who must positively identify users, and his decision regime for linking a **person** to the identity stored previously in the **individual** 's smart card, or in the system's data base...can contribute to an improved risk management procedure are, the best score attained by the **individual** , a period of validity of the biodata, a level of confidence granted the **individual** at enrollment or card issue relevant to the quality of identification, e.g., driver's...

...described in FIGS. 1A and 1B, is basic to establishing a firm link between an **individual** , his attributes, and the **individual** 's smart card...user 45, inserted his own live body parts into the registration device. Three stationary video **cameras** could simultaneously capture the **images** of the enrollment officer, the user enrollee, and the body part that is being subject...

2/3,K/29 (Item 22 from file: 654)

DIALOG(R) File 654:US PAT.FULL.

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4580198 **IMAGE Available

Derwent Accession: 1990-290479

Utility

E/ **Automatic photobooth with electronic imaging camera**

Inventor: Wain, John Laurence, Cheadle Hulme, GB

Marchini, Barry Allen, Hale, GB

Fry, Richard Layton, Harston, GB

Assignee: Photostar Limited (03), London, GB

Photostar Ltd GB

Examiner: Gray, David M. (Art Unit: 281)

Law Firm: Hollander Law Firm, P.L.C.

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 6298197	A	20011002	US 94345794	19941122

Search Report from Ginger R. DeMille

Continuation Abandoned
Priority

US 91752581 19910828
GB 894535 19890228
WO 90GB306 19900227

Fulltext Word Count: 8421

Summary of the Invention:

...a coin into a coin mechanism one or more photographs are automatically taken of a **person** sitting on the seat. The photographs are developed and printed by equipment within the box...comprising a housing containing a camera and an automatic apparatus which when actuated causes the **camera** to take at least one **picture** of a subject located in a zone near to the housing and to provide a...a printer arranged to be operated by said output to produce a print of such **picture**, characterised in that the **camera** comprises an electronic imaging **camera** which produces an **image** output in the form of storable electronic data, said automatic apparatus includes a control system...box structure containing some or all of the camera, automatic apparatus and printer, with the **camera** arranged to take the **picture** of the subject in said picture taking zone in front of a front wall or...Where the intended subject is a **person**, the housing may include a seat mounted in said picture taking zone and this may be height adjustable whereby, for example, the **person** can align himself with the camera, for example, by aligning his eyes with indications on...

...a seat. In the latter respect, the machine may be intended for use by a **person** standing in front of the machine. Thus, the housing may be in the form of...

...area whereby the system is adapted for the taking of a picture of a standing **person**.

...in such zone. Alternatively it may be directed externally of the zone so that a **person** inspecting the device does not have to obstruct the zone whilst doing this. It is...

...to have two or more devices providing the same or different displays so that a **person** can choose which to use and/or so that one **person** can use one device for one purpose whilst another **person** uses another for a different purpose. User controls such as press buttons, a touch screenThe machine described may be used to produce **passport** type pictures of persons, or portraits, or entertaining compositions where, for example, a **person**'s picture is superimposed on or juxtaposed with an interesting or amusing background or foreground...

...user's own representations e.g. on video tape. The control system may incorporate a **monitoring** device for **monitoring** parameters of the equipment e.g. frequency of usage, type of usage, money (or equivalent...

...at tampering, failure of components etc. Where stored representations are provided as mentioned above the **monitoring** device may be arranged to **monitor** use of particular representations and this may be associated with a counting device whereby a...maximum number of selections for that representation has been reached (this being of value where **monitoring** for payment of copyright licences is required). On reaching the maximum number of selections the...

...may also incorporate other features. For example a real time clock may be provided whereby **monitoring** of machine parameters can be **monitored** in relation to time and/or changes can be made as a function of time...

...Where data is **monitored** this may be stored so as to be accessible at

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the equipment (e.g. by...The produced prints may be **individual** prints or combined prints, and printing may be effected on paper or card or on ...key filter device whereby said subject is separated from the background boundary surface in said **picture** as taken by the **camera** . The boundary surface may be blue or green or any other suitable colour which is...possible to arrange for a larger picture, e.g. a full length picture of a **person** , to be taken by appropriate expansion of the zone and/or by appropriate optical or...

2/3,K/30 (Item 23 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4573369 **IMAGE Available

Derwent Accession: 2001-637983

Utility

E/ **Secure personal identification instrument and method for creating same**

Inventor: Chow, Sherman M., Sittsville, CA

Serinken, Nur M., Kanata, CA

Shlien, Seymour, Ottawa, CA

Assignee: Her Majesty the Queen in right of Canada, as represented by the Minister of Communication (07), Ottawa, CA

Her Majesty Queen in right of Canada Minister of Communication CA

Examiner: Zimmerman, Brian (Art Unit: 265)

Law Firm: Shapiro Cohen

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6292092	A	20010918	US 96643961	19960507
Continuation	Abandoned			US 94197199	19940216
CIP	Abandoned			US 9319589	19930219

Fulltext Word Count: 5131

Description of the Invention:

...be known to the public. For example, it would be next to impossible for a **person** to generate a new encrypted code for the instrument based on modified information on the...

...It would be difficult to generate a photograph of a **person** with the same information that is embedded in encrypted information affixed to the card. It...

...holder of the instrument and furthermore, the name, age and height (biometric information) of the **person** encoded also likely would not match...by hand. As the table moves to the right, it carries the instrument 5 under **scanner** 11. The sampled **image** data is passed into processor 13, to which a display 15 is connected...the same averages and yet the image contain a face or signature of a specific **person** . These features are only based on the luminance (black and white) components of the picture...could be input on a keyboard. Ideally, the information should describe unalterable properties of the **person** . The validation machine could display this information to the validation station user if a one...pictures) and robustness to environmental changes that can occur due to the changes in the **photograph** or **scanner** .

...It has been found that the digitization of a **picture** by a **scanner** is

not a repeatable operation. On a gross scale the digitized pictures should appear theIn addition, the picture on an identification card or **passport** will probably be scanned on many different authentication machines. These machines may be produced by...

...Many parts of the picture may contain useless information. For example, a **person** in the photograph typically is in front of a featureless background. Although the encoding technique...is then decrypted using the public key. The information after decryption is displayed on the **monitor** of the computer. The ...the legitimate holder and the displayed biographical data can be used to check against the **person** to ensure authenticity...

...A **person** understanding this invention may now conceive of alternative structures and embodiments or variations of the...

2/3,K/31 (Item 24 from file: 654)

DIALOG(R) File 654:US PAT.FULL.

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4530174 **IMAGE Available

Derwent Accession: 1995-200530

Utility

CERTIFICATE OF CORRECTION

E/ Method and system for preventing reproduction of documents

Inventor: Rhoads, Geoffrey B., West Linn, OR

Assignee: Digimarc Corporation (02), Tualatin, OR

Digimarc Corp (Code: 48564)

Examiner: Cangialosi, Salvatore (Art Unit: 272)

Combined Principal Attorneys: Conwell, William Y.Digimarc Corporation

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6252963	A	20010626	US 99431990	19991103
Division	US 6064737	A		US 98172324	19981013
Continuation	US 5822436	A		US 96637531	19960425
Priority				WO 94US13366	19941116

Fulltext Word Count: 47271

Description of the Invention:

...on a non-symmetric universal coding which double checks incoming video to see if the **individual** frames of video itself, the visual data, contain XYZ's own relatively high security internalHowever, another piece of their commercial network performs mundane routine **monitoring** on Internet channels to look for unauthorized transmission of their proprietary creative property. They control...

...the codes," whereas it can be somewhat easily by-passed in the case of "random **monitoring** (policing) for the presence of codes." >Bear in mind that the non-symmetric universal...be made for scale/magnification changes of the universal codes. It is understood that the **monitoring** process must be performed when the **monitored** visual material is in the "perceptual" domain, i.e. when it has been unencrypted or...

...to use other simple visual scrambling and unscrambling techniques, and tools could be developed to **monitor** for these telltale scrambled signals. Said another way, would-be pirates would then look to transform

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and identifies this **individual** and which is represented on the **monitor** of the system computer in black/white or colour, and also obtains a numeric code which univocally characterizes this **individual** who is the card holder or holder of the identity document...is the possibility of extending the facial recognition live, that is to say, using video **camera** via digitalized **photography** with **scanner**, both connected to the computer of individuals who form part of a determinate group whose...

...In accordance with the improvements of the invention, the photograph of a face **image** is suitably digitalized by **scanner** /video camera, obtaining a virtual black/white face image with 64 to 256 grey tones...by digital scanning of the original photograph of the holder of the identity documents, visa, **passport** and which is synthetically printed in various colours or, preferably in just one colour, where...

2/3,K/51 (Item 44 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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3989567 **IMAGE Available

Derwent Accession: 1996-445103

Utility

E/ Recording of images

Inventor: Ward, Paul Courtenay, Watford, GB

Assignee: Eastman Kodak Company (02), Rochester, NY

Eastman Kodak Co (Code: 25784)

Examiner: Evans, F. L. (Art Unit: 255)

Combined Principal Attorneys: Noval, William F.

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 5760386	A	19980602	US 96634318	19960418
Priority				GB 9524319	19951123

Fulltext Word Count: 3678

Summary of the Invention:

...predetermined ones of a plurality of longitudinal magnetic tracks which begin and end within each **individual** frame. Each track is dedicated to the writing and reading of a predetermined set of...

...at a point of sale to display a picture of the card presenter on a **monitor** as a quick visual means for checking the validity of the account to which the the positive identification of the presenter of a **passport** at an Immigration station somewhat unreliable. A photographic image attached to a **passport** can be replaced with another image, or a whole **passport** generated illegally...

...Passports, for example, European Community passports, carry identification information for the holder of the **passport** on a machine-readable page which, being a European Standard, cannot be easily or quickly...

...such passports cannot be easily tampered with, it is still possible to generate an entire **passport** illegally...

...of the present invention to provide an improved method of recording

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information relating to a **passport** holder which overcomes the problems associated with present methods of producing passports...
...is provided a method of recording an image of a unique personal identifier of a **person** on an identification document, the identification document including a region on to which the image...
...a) capturing an image of the unique personal identifier of the **person** to whom the identification document relates...
...Preferably, the unique personal identifier comprises an image of the **person** to whom the identification document is issued. However, it may also comprise a signature or a thumbprint of the **person** to whom the identification document is issued...a print, negative or transparency bearing an image of the unique personal identifier of the **person** to whom the identification document relates, may be digitally scanned...
...provided an identification document including a compressed image of a unique personal identifier of a **person** to whom the document relates recorded in a magnetic medium...
...without the need to change the standard which defines the layout of the European Community **passport** , thus improving the security of use of such passports...
...In particular, by using digitally **input images** , significant improvements can be obtained when generating passports as all the relevant information, including the...
...digital systems are particularly appropriate for booth photography where a digital image of a prospective **passport** holder and his/her application for a **passport** could be transmitted directly to the **passport** authority by a modem, for example...
...The compressed image can also be stored elsewhere on the **passport** other than in the picture area, for example, within the cover material or on another...
...In accordance with the present invention, an image of the prospective **passport** holder's face may be recorded for the **passport** application with a digital camera, or by digitally scanning a print, negative or transparency bearing an image of that **person** 's face. The prints for attachment to the **passport** and for record purposes are produced by suitable means, for example, a thermal printer. When the **passport** is assembled, as part of the process used by the **Passport** Office, the digital information captured by the camera or scanner is compressed and recorded in...
...is either in the print material used for the prints to be attached to the **passport** or the **passport** itself. When the issued **passport** is presented by the holder for inspection at **Passport** Control, for example, the magnetically recorded information can be retrieved, decompressed, and displayed on a computer **monitor** for comparison with the visible image on the page, and the **person** presenting the **passport** ...derived from a database in accordance with that same rule. This ensures that the presented **passport** , which although self-consistent, was originated by the correct authority, for example, the holders of...

2/3,K/52 (Item 45 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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- ...selected for that piece and a button labeled "ALL". He may now transit to each **individual** music stand or by depressing the "ALL" area, transmit to the entire orchestra...workstation can also provide an audio output of the transformed musical composition, either for the **individual** additional instrument or voice transform and present it, or for the composite of additional versions...link (e.g., phone line, RF, otherwise). In one embodiment, a motion sensor subsystem (422) **monitors** motion of a target **person** and responds in accordance with predefined movement interpretation characteristics parameters, such as for a conductor...
- ...output (421) is provided that permits coupling of an external display, such as a color **monitor**, projection unit, or other display presentation system including one or more of audio, visual, and...In the performance **monitor** mode, for a single user or multiple users, the user (or a remote teacher or...
- ...With use of appropriate sound baffling, a plurality of instruments can simultaneously be **monitored** and controlled by the conductor, so long as each instrument's output sound pattern is...available, such as from ARS NOVA, Wildcat Canyon Software, Mark of the Unicorn, Inc., and **Passport** Designs, Inc...
- ...The use of virtual reality technology, including motion sensors and body gloves, permits **monitoring** of various other things (as shown in FIG. 9). For example, as shown in FIG. 10, a camera in conjunction with analysis logic, such as expert software, can **monitor** motion of role model behavior and compare performer behavior. Hand, finger, arm, leg, eye, head, body, and mouth movements can all be **monitored** and constructive critical feedback can be accumulated, analyzed, and fed back to the user or...
- ...The input of **monitored** movement data is provided to the user workstation, permitting precise mechanics training such as finger...different volumes or speeds). With bidirectional communications and user performance feedback, the conductor can also **monitor** for errors...
- ...FIG. 9 illustrates a conductor, stage hand, or other **person** with a sensor glove on each hand (935) and a head and eye movement **monitor** (930). The figure also illustrates the conductor wearing full body sensor equipment (940). Either embodiment...

2/3,K/54 (Item 47 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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3935105 **IMAGE Available

Derwent Accession: 1996-292197

Utility

E/ Card issuing machine and a method for controlling the same

Inventor: Matsumoto, Takeshi, Sagamihara, JP

Assignee: International Business Machines Corporation (02), Armonk, NY
International Business Machines Corp (Code: 42640)

Examiner: Lee, Thomas D. (Art Unit: 266)

Combined Principal Attorneys: Flynn, John D.

Publication Number	Kind	Date	Application Number	Filing Date
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Search Report from Ginger R. DeMille

Main Patent	US 5710637	A	19980120	US 95515884	19950816
Priority				JP 94255310	19941020

Fulltext Word Count: 6515

Description of the Invention:

...front of the apparatus 1002 is provided a horizontal work table 1004, on which an **applicant** fills in a card application form and inserts the completed application into a scanner. Additionally...

...beam printer is output; a touch display 1008, on which messages are displayed for an **applicant** and which the **applicant** touches with a finger at predetermined points to enter data; a camera 1010, by which a clerk at a remote center can view the **applicant**; a loudspeaker (not shown), for reproducing remarks made by a clerk at the remote center; and a microphone (not shown) for accumulating and transmitting remarks made by the **applicant** to the clerk at the remote center. A video image of the clerk at the...

...loudspeaker constitute a telecommunication system by which the clerk at the remote center and the **applicant** can communicate with each other using a screen and speech...

...form and other documents, which are positioned under the lid 1014, are read by the **scanner** 3010, and those **image** data are transmitted via a communication line to the remote center. A lid sensor 2030...on the table 1004 under the lid 1014, and detects the reflected light to form **images**. The top surface of the **scanner** 3010 is formed of a clear glass that lies in the same plane as the...

...the front) of the shutter 3006 in FIG. 3 is almost as large as a **passport** that is opened flat. When the shutter 3006 is closed, it serves as a guide...

...for the positioning of an identification document, such as a driver's license or a **passport**.

...

...driven by the rollers 3004 is stored in the storage box so that a card **applicant** cannot have access to it. Stored applications are collected by a clerk at the remote...

...and 5. A card in this case is the one that is issued for an **individual** who belongs to a certain group (e.g., a member's club), or who satisfies ...manual procedures that are performed by a clerk at the remote center 2500, or an **applicant** at the apparatus 1002, i.e., an **applicant** who is applying for a card. The process in FIG. 4 is begun when, for example, an **applicant** touches with a finger a button "Start operation" (not shown), which is displayed on the...

...the touch display 1008 requesting an identification document, such as a driver's license, a **passport**, or a health insurance certificate, be positioned on the scanner 3010, i.e., under the...

...In consonance with this message, the **applicant** raises the lid 1014 with the knob 1014a, and places his identification document, such as a driver's license, a **passport**, or a health insurance certificate, on the clear glass of the scanner 3010 (FIG. 3...

...Then, the **applicant** closes the lid 1014 and touches a "Confirmed"

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button (not shown) that is displayed on the touch display 1008. The CPU 2002 activates the scanner 3010 via the **scanner** controller 2024. An **image** of the identification document that is positioned on the clear glass is read by the **scanner** 3010 and the **image** data are stored in the RAM 2006. Then, a message indicating that the identification document ...

...such as name, age, sex, home telephone number, office telephone number, and birth date. The **applicant** selects one of a plurality of displayed items to respond to some data requests, or...

...After the **applicant** responds to the displayed data requests, a screen on which are displayed the data that were entered and a request for confirmation appears on the touch display 1008. When the **applicant** touches the "Confirmed" button (not shown), which is displayed on the touch display 1008, the...

...at step 4010, a clerk at the center 2500 determines the credit rating of an **applicant**. Since it takes a little time to investigate the credit rating of the **applicant**, it may be preferable for the CPU 2002 to read animated images from the HDD 2008 and to display them on the touch display 1008 so that the **applicant** will not be too bored while he is waiting. During the investigation, the clerk at the center 2500 can confirm the identity of the **applicant** by comparing the image data of the picture of the **applicant** attached to the identification document with the **image** acquired by the **camera** 1010. As the result of queries to determine the **applicant**'s credit rating at step 4012, at step 4014, the clerk at the center 2500...

...When program control advances to the process shown FIG. 5, this means that the **applicant** has a satisfactory credit rating and can be issued a card. At step 5002, the...

...At step 5006, the **applicant** enters requested items into the application on the table 1004. The requested items include the **applicant**'s signature, and his name and address...

...After the **applicant** has completed the application, he lifts the lid 1014 and positions the completed application (indicated...lid 1014 was opened during the scanning at step 5012. This decision is made by **monitoring** the state of the lid sensor 2030 during the scanning, and by setting a flag...

...fact that the lid 1014 is opened during the scanning introduces the possibility that an **applicant** intentionally changed the original application that is being scanned. Of course, when the **applicant** opens the lid 1014 during the scanning, it may be because he noticed incorrect entries...

...In such a case, when program control returns to step 5008, the **applicant** has to open the lid 1014 and remove the application. Since the sensor 2032 detects...

...When the **applicant** reopens the lid 1014 and repositions the application, the decision at step 5008 is affirmative...

...by one from the opening 1012. The issued card, and the personal data that are **input** at step 4008, or the **image** data of the application read at step 5012 are entered with correspondence to a host computer (not shown) at the center 2500. The **applicant** takes the issued card and the printed copy of the application...In response to this, at step 5030, the

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applicant removes the application from under the lid 1014. At step 5032, the **applicant** makes the requested changes or additions to the application. The procedures at step 5008 and...

...As described above, according to the present invention, since the **scanner** device has the **image** transmission function and a facsimile device is not necessary, there is a savings in the...

...identity references and for the issuing of a card, the operation will not cause an **applicant** to become confused...

...the shutter is closed and an identification document, such as a driver's license, a **passport**, or a health insurance certificate, is to be scanned, the positioning of such a document...

2/3,K/55 (Item 48 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

3890564 **IMAGE Available

Derwent Accession: 1996-202189

Utility

EXPIRED

E/ Image film developer for printing changed film image data and image data change condition

Inventor: Umemoto, Choji, Wakayama, JP

Assignee: Noritsu Koki Co., Ltd. (03), Wakayama, JP

Noritsu Koki Co Ltd JP (Code: 60416)

Examiner: Rogers, Scott A. (Art Unit: 266)

Law Firm: Wenderoth, Lind & Ponack

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5671072	A	19970923	US 95531268	19950920
Priority				JP 94226983	19940921

Fulltext Word Count: 2890

Description of the Invention:

...is connected to operating console or desk OP for various inputs and mode selection, to **monitor** MT to display image dam and to video printer VP to output images...

...which calculates exposure condition after reading information from image data memory 101 and displays on **monitor** MT the required exposure condition as calculated by exposure operator 102...

...CCD image sensor 18. Therefore, several frames of image data can be displayed together on **monitor** MT. And also, one can print or display according to the read order, reverse order... **Image** data **input** into **image** data converter 103 becomes "treated" data after modification based on the above formula so that...

...printed outcome and color expression will be roughly equivalent to that of image data of **monitor** MT or output from video printer VP...

...the above image data with additional information from controller 100, thus treated, is conveyed to **monitor** MT and video printer VP in the

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form of an analog or digital RGB video... **Monitor** MT displays treated and completed image data as designated by operating desk OP and through ...

...FIG. 4, seven frames of image data are displayed in the top portion of the **monitor** and there is an enlarged cinema-view mode of one frame selected from the seven frames in the center of the **monitor** display. Other modes for any desired layout as designated by operating desk OP are also...Video printer VP prints on index print sheets PE based on treated **image** data and additional information as **input** by controller 5 (as shown in FIG. 6...In memory CM, one may obtain flexible magnetic disk with desired information (such as treated **image** data through **input** by video printer VP and additional information) by inserting it into the appropriate slot...

...The above-described "treated" image data will be displayed on the **monitor** MT in either 6-frame or 28-frame mode. While **watching monitor** MT, one places correction input on each frame. Once input is in place, the exposure...

...image data converter 103 and new and corrected "treated" image data will be displayed on **monitor** MT...

...In this example, a case of **individual** frame corrections was used. But one may use any number of frames for the same...

...one may change the background to white. One may use such image for licence or **passport** applications if adjusted to the appropriate size... And one may do conversion of separately treated image data to be displayed on **monitor** MT from the same to be inputted from video printer VP, but also a video...

...With this **monitor**, one can see the film image, not as a negative but in the same condition...

...embodiment of this invention, one may correct and adjust a image data change condition while **watching** the **monitor** MT display. Thereby the desired **image** is obtained with **input** based on the **image** data change condition. In other words, without actually printing, one can easily confirm, in effect...

2/3,K/56 (Item 49 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

3888080 **IMAGE Available

Derwent Accession: 1996-395200

Utility

REASSIGNED

E/ Identification card verification system and method

Inventor: Kristol, David M., Summit, NJ

O'Gorman, Lawrence P., Madison, NJ

Assignee: Lucent Technologies Inc. (02), Murray Hill, NJ

Lucent Technologies Inc (Code: 39644)

Examiner: Cain, David C. (Art Unit: 222)

Publication Number	Kind	Date	Application Number	Filing Date
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8305-Aug-0312:48 PM

Search Report from Ginger R. DeMille

Main Patent US 5668874 A 19970916 US 95396307 19950228

Fulltext Word Count: 6337

Summary of the Invention:

...In structure, the cards usually contain a photograph of a **person**. Recently additional features are sometimes added such as a signature, fingerprint, or even the image of the **person**'s retina. Each of these is a characteristic which is unique to each human being...

...unauthorized purveyors of false identification cards has also increased significantly. Counterfeiters routinely obtain or make **passport** and driver license blanks and affix a photograph for a small fee...

...4,999,065 to Wilfert describes a method of transferring a video image of a **person**, signature, or fingerprint into digital form, adding data from a keyboard, and laser printing the...the point of sale the digital image of the presenter is converted to a video **monitor** display. The card administration agency also receives a verification request together with an identification code...

...the photographic portrait of a human being. However, other characteristics which are unique to that **person** may also be used, such as: a fingerprint, a signature, or an image of the **person**'s retina, or any combination of these. The card also contains an image signature, which...the validity of the card. Digital information, including optical values, reference features, and a first **image** signature is read by a **scanner**. A second **image** signature is computed from the optical values and compared to the first image signature. A...

2/3,K/57 (Item 50 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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3857998 **IMAGE Available

Derwent Accession: 1996-030759

Utility

REASSIGNED

E/ Digital image capture system for photo identification cards

Inventor: Bennett, Michael Joseph, Las Vegas, NV

Assignee: Mikohn Gaming Corporation (02), Las Vegas, NV
Mikohn Gaming Corp

Examiner: Britton, Howard W. (Art Unit: 265)

Assistant Examiner: Le, Vu

Law Firm: Dorr, Carson, Sloan & Birney, P.C.

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 5642160	A	19970624	US 94250664	19940527

Fulltext Word Count: 5503

Summary of the Invention:

...of a photo identity card such as a driver's license or passport of an **individual**. For example, in the gaming and casino businesses, it is desirable to provide gaming managers and pit crews with an image on a

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computer **monitor** of a player involved in a particular game. This provides immediate customer identification, signature verification...

...In some situations, a need exists for generating an **individual** 's likeness in a captured likeness image since the identification card may not carry a...

...as a drivers license or identity card typically bearing the photo and signature of an **individual** and storing a high quality digital image of the card. The system must be secure...

...passport. The present invention also generates and stores a captured digital likeness image of a **person** when the **person** 's card does not have a photo on it...

...The insert plate has a formed opening for holding a photo identification card of a **person** . Different insert plates could be utilized under the teachings of the present invention having different...

...opposing lamps to fully illuminate the photo identification card in the tray. Fully illuminated, the **camera** captures a video **image** of the photo identification card and delivers it to a remote computer for storage in...

...In the event the identification card does not carry a **photo** , a second video **camera** positioned remote from the housing is used to capture a likeness image of the owner...

Description of the Invention:

...important function. In the event that the card 70 does not carry the owner's **photograph** , **camera** 230 captures the owner's likeness 240. The camera 230 may be preset so no...

...In operation, the system shown in FIG. 2 functions as follows. The card 70 is **inputted** into the digital **image** capture device 10 to capture a digital image of the card 70. The digital image...

...lines 12 to the computer 200 for storage. Likewise, if a digital photo of the **person** 240 who owns the card 70 is also required, that **image** is captured by **camera** 230 and delivered over lines 232 to computer 200 for storage. Operators of computers 220 at remote locations such as managers in the casino can then type in the **person** 's name and instantly view a digital image of card 70 and/or a digital likeness of the **person** 240 as retrieved by camera 230. The manager or other **person** can then verify the **individual** 's identity and any associated signatures or other information...

...of the computer 200 are shown in FIG. 3. The computer 200 includes a conventional **monitor** 300 driven by a CPU 310. The CPU 310 receives input commands from a mouse...

...10. The CPU 310 may optionally build a likeness database 360 based on the likeness **images** from **camera** 230...can be easily accomplished with reference to FIGS. 2 and 3 by viewing in the **monitor** 300 of computer 200 a test image of card 70 in order to place it...

2/3,K/58 (Item 51 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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3851272 **IMAGE Available

Derwent Accession: 1997-310030

Utility

E/ Visitor identification system

Inventor: Ribacoff, Elie D., 184-03 69th Ave., Fresh Meadows, NY, 11365

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Britton, Howard W. (Art Unit: 265)

Law Firm: Galgano & Burke

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5635981	A	19970603	US 95516720	19950710

Fulltext Word Count: 3322

Description of the Invention:

...the present invention, a VIS comprises a first camera for recording at least a first **image**, a second **camera** for recording at least a second image, e.g. from a piece of identification, and...

...The system also advantageously comprises means for switching the recording device to record the first **image** from the first **camera**, to subsequently record the second **image** from the second **camera**, and then reverting to record the **image** of the first **camera**. Most desirably, the VIS additionally records audio from at least the first video camera. Additionally...

...with means for recording at least one generated image with at least one of the **images** acquired from either the first **camera** or the second **camera**. Advantageously, the generated **image** comprises indicia such as the date, location and time the images are taken...

...means for sequentially recording the entry number of a visitor in conjunction with the acquired **images**. Advantageously, the first video **camera** of the VIS is positioned to accurately record a **person**'s height, and desirably, the height is recorded in conjunction with the first image. In another embodiment, the VIS may comprise a video display **monitor** for selectively displaying the first image, the second image and/or the first image and...

...mat may be placed in front of the cameras to sense the presence of a **person**. Such a floor mat can also be provided with suitable pneumatic controls to record a **person**'s weight upon entering and/or leaving a secured area. Sensors may also be employed...

...chamber 52. Top chamber 51 houses the second camera 14, switch 16, detector 46 and **monitor** 44 while bottom chamber 52 houses recorder 18. Each chamber 51, 52 has an access...

...second camera 14 to clearly record a visitor's identification, e.g. driver's license, **passport**, security card, etc., when placed atop window 36. In a preferred embodiment, first camera 12 is positioned so that an accurate record of a **person**'s height can be determined and recorded in conjunction with the acquired images. In this...

...48 is also preferably positioned on or within top plate 28 to protect a display **monitor** 44. The **monitor** 44 advantageously displays **images** received by either or both **cameras**. Furthermore, the **monitor** 44 is

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preferably connected to recorder/playback device 18 to permit security personnel and/or...be recorded, stored and easily retrieved along with the original information retrieved from the video **images** of **cameras** 12 and 14 and stored in computer system 30...

...FIG. 12 incorporates **monitor** 44 for alternately and selectively viewing the **image** from first **camera** 12, second **camera** 14 and/or both first camera 12 and second camera 14. Ideally, **monitor** 44 is placed at a remote guard station for viewing the incoming visitors as they enter the **monitoring** area...

2/3,K/59 (Item 52 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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3759586 **IMAGE Available

Derwent Accession: 1996-401681

Utility

REASSIGNED

E/ Time and attendance system and method therefor

Inventor: Bennett, Michael J., Las Vegas, NV

Assignee: Mikohn Gaming Corporation (02), Las Vegas, NV
Mikohn Gaming Corp

Examiner: Hajec, Donald T. (Art Unit: 254)

Assistant Examiner: Frech, Karl

Law Firm: Dorr, Carson, Sloan & Birney, PC

	Publication Number	Kind	Date	Application Number	Filing Date
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Main Patent	US 5550359	A	19960827	US 94306302	19940914

Fulltext Word Count: 7973

Description of the Invention:

...1 as the user inserts the user document 20 into the channel 110. The video **camera** 90 will record the **image** of the user 1 who comes within the field of view of the camera 90...benefit employees who had lost or forgotten their personal user identification documents 20. Because each **individual** password would be unique to a given employee, the optional keyboard 120 does not sacrifice...plastic identification bands worn on the user's wrist. Another suitable document might be a **passport** that includes bar-coded information. In general, any object that will fit into the channel...The host computer 150 contains a standard keyboard 190 and **monitor** 180 connected over lines 180a and 190a. The central processing unit (CPU) 160 communicates with...from the system would function equivalently. This could be provided, for example, on a television **monitor** .

...

...video camera 90 is also connected to the CPU 211 over line 90a. The video **camera** 90 is used to record **images** of each user 1 at the time of each use

2/3,K/60 (Item 53 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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the booth 11. The outputs to the **individual** dispenser solenoids 41 from the dispenser decoder 24 are latched outputs and a dispenser solenoid...

...13 will alternatively be that from the communication module camera 38 and the verification module **camera** 27. Accordingly, the video **image** transmitted along the external video communication line 13 is that image which is recorded by...facilitates the assembly, replacement and maintenance of the remote transaction booth 11. Testing of the **individual** modules and equipment contained therein is provided by the unplugging of the wiring harness 29...

...20 and 24 at the remote transaction booth 11. In order to provide security from **monitoring** touch tone messages and to eliminate the sound nuisance to customers, the video sequencing decoder...pictures of the customer's identification. Typical identification might include a driver's license or **passport**. In one embodiment of the present invention, the verification module 26 serves as an armrest...

2/3,K/61 (Item 54 from file: 654)

DIALOG(R) File 654:US PAT.FULL.

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3665631 **IMAGE Available

Derwent Accession: 1995-392746

Utility

REASSIGNED

E/ **Pattern recognition system**

Inventor: Hutcheson, Timothy L., Los Gatos, CA

Or, Wilson, Santa Clara, CA

Narayanan, Venkatesh, Fremont, CA

Mohan, Subramaniam, Sunnyvale, CA

Wohlmuth, Peter G., Saratoga, CA

Srinivasan, Ramanujam, Sunnyvale, CA

Hunt, Bobby R., Tucson, AZ

Ryan, Thomas W., Tucson, AZ

Assignee: Datron/Transoc, Inc. (02), Simi Valley, CA

Datron Transoc Inc

Examiner: Boudreau, Leo H. (Art Unit: 266)

Assistant Examiner: Tran, Phuoc

Law Firm: D'Alessandro & Ritchie

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5465308	A	19951107	US 93111616	19930825
Division	US 5274714	A		US 92920188	19920723
Division	US 5161204	A		US 90533113	19900604

Disclaimer Date: 20101228

Fulltext Word Count: 15859

Description of the Invention:

...Traffic Flow **Monitoring** : **Monitoring** human traffic flow for particular individuals...

...Criminal Activity: **Monitoring** of thoroughfares for known criminals such as bank robbers at banks, terrorists at airports, foreign...

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...Remote **Monitoring** : Seeking out threats to public safety in gatherings or crowds...

...control application. The system could be trained to recognize "authorized" people. Simple black and white **cameras** can be used to photographically **image** access points. The system will recognize the individuals previously trained into the database whenever they...

...The system has several advantages. It is entirely non-intrusive and does not require **individual** active participation for successful recognition. It operates in near real-time, permitting use in high traffic flow applications. It recognizes human faces rather than artifacts the **individual** may carry, such as badges, providing a higher degree of control in high security environments...

...points. The system requires no specialized operator knowledge to operate. It can be configured to **monitor** for specific and unique security requirements such as "two-man rules" time periods and durations permitted for **individual** access, and rules for visual logging of successful and unsuccessful access attempts. The system may...

...with other security devices. The system can be placed into a portable configuration permitting remote **surveillance** and **monitoring** .
The second is used to verify the identity of an **individual** , and consists of two modes...

...a) Cooperative assistance by the **individual** in providing other forms of ID such as PIN codes, badges, fingerprints etc., to verify...

...b) Checking of an **individual** 's identity to assure that he is not in the database under other names or...

...and wishes to determine if the subject of the photograph is in the database. The **photograph** is digitized into an **input image** above, a query feature vector is formed and applied to the neural net. The correct ...for each of these faces. Let F_{ij} (j) represent the feature set for **individual** i at acquisition angle j . These acquisition angles must span a range of yaw and...

...simulated by planar image rotation). Let $F_i(0)$ represent the frontal view of **individual** i ($i=1, \dots, K$).

2/3,K/62 (Item 55 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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3453770 **IMAGE Available

Derwent Accession: 1994-006993

Utility

REASSIGNED

E/ Method and apparatus for determining and organizing feature vectors for neural network recognition

Inventor: Hutcheson, Timothy L., Los Gatos, CA

Or, Wilson, Santa Clara, CA

Narayanan, Venkatesh, Fremont, CA

Mohan, Subramaniam, Sunnyvale, CA

Wohlmuth, Peter G., Saratoga, CA

Srinivasan, Ramanujam, Sunnyvale, CA

Hunt, Bobby R., Tucson, AZ

Ryan, Thomas W., Tucson, AZ

9005-Aug-0312:48 PM

Search Report from Ginger R. DeMille

Assignee: Neuristics, Inc. (02), Milpitas, CA
 Neuristics Inc
 Examiner: Moore, David K. (Art Unit: 266)
 Assistant Examiner: Cammarata, Michael
 Law Firm: D'Alessandro & Frazzini

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5274714	A	19931228	US 92920188	19920723
Division	US 5161204	A		US 90533113	19900604

Fulltext Word Count: 16051

Description of the Invention:

...Traffic Flow **Monitoring** : **Monitoring** human traffic flow for particular individuals...

...Criminal Activity: **Monitoring** of thoroughfares for known criminals such as bank robbers at banks, terrorists at airports, foreign...

...Remote **Monitoring** : Seeking out threats to public safety in gatherings or crowds...

...control application. The system could be trained to recognize "authorized" people. Simple black and white **cameras** can be used to photographically **image** access points. The system will recognize the individuals previously trained into the database whenever they...

...The system has several advantages. It is entirely non-intrusive and does not require **individual** active participation for successful recognition. It operates in near real-time, permitting use in high traffic flow applications. It recognizes human faces rather than artifacts the **individual** may carry, such as badges, providing a higher degree of control in high security environments...

...points. The system requires no specialized operator knowledge to operate. It can be configured to **monitor** for specific and unique security requirements such as "two-man rules", time periods and durations permitted for **individual** access, and rules for visual logging of successful and unsuccessful access attempts. The system may...

...with other security devices. The system can be placed into a portable configuration permitting remote **surveillance** and **monitoring** .

...

...The second is used to verify the identity of an **individual** , and consists of two modes...

...a) Cooperative assistance by the **individual** in providing other forms of ID such as PIN codes, badges, fingerprints etc., to verify...

...b) Checking of an **individual** 's identity to assure that he is not in the database under other names or...and wishes to determine if the subject of the photograph is in the database. The **photograph** is digitized into an **input image** above, a query feature vector is formed and applied to the neural net. The correct...for each of these faces. Let F_{ij} represent the feature set for **individual** i at acquisition angle J . These acquisition angles must span a range of yaw and...

...simulated by planar image rotation). Let F_{i0} represent the

frontal view of **individual** *i* (*i*=1,...,K...

2/3,K/63 (Item 56 from file: 654)
DIALOG(R) File 654:US PAT.FULL.
(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

3327911 **IMAGE Available
Derwent Accession: 1992-390288

Utility

REASSIGNED

E/ Apparatus for generating a feature matrix based on normalized out-class and in-class variation matrices

Inventor: Hutcheson, Timothy L., Los Gatos, CA
Or, Wilson, Santa Clara, CA
Narayanan, Venkatesh, Fremont, CA
Mohan, Subramaniam, Sunnyvale, CA
Wohlmuth, Peter G., Saratoga, CA
Srinivasan, Ramanujam, Sunnyvale, CA
Hunt, Bobby R., Tucson, AZ
Ryan, Thomas W., Tucson, AZ

Assignee: Neuristics, Inc. (02), Milpitas, CA
Neuristics Inc

Examiner: Moore, David K. (Art Unit: 266)

Assistant Examiner: Cammarata, Michael

Law Firm: Lyon & Lyon

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5161204	A	19921103	US 90533113	19900604

Fulltext Word Count: 15091

Description of the Invention:

- ...Traffic Flow **Monitoring** : **Monitoring** human traffic flow for particular individuals...
- ...Criminal Activity: **Monitoring** of thoroughfares for known criminals such as bank robbers at banks, terrorists at airports, foreign...
- ...Remote **Monitoring** : Seeking out threats to public safety in gatherings or crowds...
- ...control application. The system could be trained to recognize "authorized" people. Simple black and white **cameras** can be used to photographically **image** access points. The system will recognize the individuals previously trained into the database whenever they...
- ...The system has several advantages. It is entirely non-intrusive and does not require **individual** active participation for successful recognition. It operates in near real-time, permitting use in high traffic flow applications. It recognizes human faces rather than artifacts the **individual** may carry, such as badges, providing a higher degree of control in high security environments...
- ...points. The system requires no specialized operator knowledge to operate. It can be configured to **monitor** for specific and unique security requirements such as "two-man rules", time periods and durations permitted for **individual** access, and rules for visual logging of

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successful and unsuccessful access attempts. The system may...

...with other security devices. The system can be placed into a portable configuration permitting remote **surveillance** and **monitoring**.

verify the identity of an **individual**, and consists of two modes...

...a) Cooperative assistance by the **individual** in providing other forms of ID such as PIN codes, badges, fingerprints etc., to verify...

...b) Checking of an **individual**'s identity to assure that he is not in the database under other names or...

...and wishes to determine if the subject of the photograph is in the database. The **photograph** is digitized into an **input image** above, a query feature vector is formed and applied to the neural net. The correct ...for each of these faces. Let $F_{(j)}^{(i)}$ represent the feature set for **individual** i at acquisition angle j . These acquisition angles must span a range of yaw and...

...simulated by planar image rotation). Let $F_{(0)}^{(i)}$ represent the frontal view of **individual** i ($i=1, \dots, K$).

2/3,K/64 (Item 57 from file: 654)

DIALOG(R) File 654:US PAT.FULL.

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3268168 **IMAGE Available

Derwent Accession: 1989-123972

Utility

C/ Method of making booklets with photographs and apparatus therefor
; LAMINATION OF PHOTO AND PERSONAL DATA; PASSPORTS

Inventor: Oshikoshi, Yuji, Tokyo, JP

Suganuma, Yoshimi, Tokyo, JP

Hara, Hiroshi, Kanagawa, JP

Shiota, Kazuo, Kanagawa, JP

Takehara, Nobumitsu, Kanagawa, JP

Sakamoto, Kiichiro, Kanagawa, JP

Assignee: Fuji Photo Film Co., Ltd. (03), Kanagawa, JP

Fuji Photo Film Co Ltd JP (Code: 32567)

Examiner: Schilling, Richard L. (Art Unit: 156)

Law Firm: Sughrue, Mion, Zinn, Macpeak & Seas

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5106719	A	19920421	US 88261299	19881024
Priority				JP 50267847	19871023
				JP 50267848	19871023
				JP 50269935	19871026

Fulltext Word Count: 5256

Description of the Invention:

...application form 11, an operator prepares the necessary personal data for describing or identifying the **applicant** of a machine readable passport such as the name, the date of birth, nationality, sex...

...image composite step 110 an image of the picture 11a of the face of the **applicant** attached to the application form 11 and the **applicant**'s

personal data are single composite as a composed image by an image composer 14. For editing a composite image on a color **monitor** comprising a color CRT display 23 the operator displays the picture 1b of the face of the **applicant**, the **applicant**'s personal data 1a retrieved from the floppy disk 13 and input through a character...

- ...data. The image composer 14, as is shown in FIGS. 5 and 6 comprises a **picture image input** device 22 such as a TV **camera** 20 or a color **image scanner** 21, a color **monitor** CRT display 23, a console 26 having a keyboard 24 and a bar-code reader...
- ...the floppy disks 13 and 17, and a CRT controller 30 for controlling the color **monitor** CRT 23 and a black-and-white CRT of the video printer 15. It is...6 reads out the image data of the picture 1b of the face of the **applicant input** through the **picture image input** device 22 and of the personal data of the **applicant** according to the personal identification number of the **applicant**. The image data, the personal data of the **applicant** and the graphic design data are stored in frame memories 31 and 32 under the...
- ...sequentially each circuit or peripheral device of the image processing unit 28 so as to **input images** and characters, and then compose those image and characters. Control circuit 36 also controls video...
- ...downstream of the water applicator 43 for cutting off the exposed printing paper 40 to **individual** print strips, a booklet container 45 in which a number of booklets 5 are stored...inspecting the identity between the personal data and the picture of the face of the **applicant** and so forth, the booklet 5, as a machine readable **passport** is delivered to the **applicant**.
- ...
...Since the composite image thermally printed on the **passport** includes personal data comprising optically readable characters which provides the identity of the **passport** holder, the **passport** can be used as a machine readable **passport** which is checked by an optical character reading machine...
- ...to FIGS. 1 to 11, there is shown an apparatus for making a machine readable **passport** according to another preferred embodiment of the present invention. As shown, after having accepted an...
- ...11 (FIG. 10) with a picture of the face 11a and personal data of the **applicant**, necessary personal data are edited and printed out on a data sheet 65 with characters...
- ...paper 40 is directly exposed first to the picture 11a of the face of the **applicant** attached to the application form 11 and then, to the data sheet 65. The exposed...
- ...between the picture and the personal data, the booklet is delivered as a machine readable **passport** to the **applicant**.
- ...
...The printing apparatus for making the machine readable **passport** is shown in FIG. 10 wherein same reference characters denote same or similar elements or...
- ...the photosensitive thermal printing paper 40 to the picture 11a of the face of the **applicant** attached to the application form 11, second exposure means including a printing lens 66 for...

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...to selectively dispense the automobile keys or other items.
Alternatively, the decoder 24 may complete **individual** dispenser control circuits in response to the touch tones a tray which is accessible by a **person** in the booth 11. The outputs to the **individual** dispenser solenoids 41 from the dispenser decoder 24 are latched outputs and a dispenser solenoid...
...13 will alternatively be that from the communication module camera 38 and the verification module **camera** 27. Accordingly, the video **image** transmitted along the external video communication line 13 is that image which is recorded by...facilitates the assembly, replacement and maintenance of the remote transaction booth 11. Testing of the **individual** modules and equipment contained therein is provided by the unplugging of the wiring harness 29...
...20 and 24 at the remote transaction booth 11. In order to provide security from **monitoring** touch tone messages and to eliminate the sound nuisance to customers, the video sequencing decoder...pictures of the customer's identification. Typical identification might include a driver's license or **passport**. In one embodiment of the present invention, the verification module 26 serves as an armrest...

2/3,K/71 (Item 64 from file: 654)

DIALOG(R) File 654:US PAT.FULL.

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2955864 **IMAGE Available

Derwent Accession: 1989-129752

Utility

REASSIGNED, EXPIRED

E/ Video image system for personal identification

Inventor: Lafreniere, Roger F., Tewksbury, MA

Assignee: Advanced Identification Systems, Inc. (02), Tewksbury, MA

ADVANCED IDENTIFICATION SYSTEMS INC

Examiner: Britton, Howard W. (Art Unit: 262)

Assistant Examiner: Kostak, Victor R.

Combined Principal Attorneys: Dunn, Robert T.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 4821118	A	19890411	US 86917007	19861009

Fulltext Word Count: 9687

Summary of the Invention:

...relates to personal identification systems and particularly to a system for observing and recording a **person** and his identification item so that the recorded information can be retrieved at a later...

...such as the Federal Bureau of Investigation and the Armed Services have demonstrated that a **person**'s palm print is unique and can be used like finger prints to identify a **person**. This has led to efforts for automatically reading a palm print and even further for comparing it with a reference, or with reference information, to establish a **person**'s identity. This has been done by comparing a palm print with palm prints from...

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- ...and ridges producing an array of numbers which constitute a code that uniquely identifies the **individual** palm...
- ...As yet, there are not the files of **individual** palm prints that have been maintained over many years as has been done with fingerprints...
- ...The techniques for analyzing a **person** 's palm print have to this date resulted only in providing a way of encoding information, like the array of numbers generated, on the **person** 's ID card as a representation of the **person** 's palm. To make use of that encoded information, a special ID card reader and...
- ...the palm from it and then compared that image with the palm print of the **person** who presents the ID card to ascertain that that **person** is in fact the **person** for whom the card was made. These techniques have not been used for the reasons...
- ...is an object of the present invention to make use of the uniqueness of a **person** 's palm for identification of the **person** and provide a system for quickly (within a few seconds) and easily recording an image...
- ...the palm print along with other unique identification, that requires very little cooperation from the **person** and can even be recorded without the **person** realizing or being particularly aware that the recording is being made, for later analysis by...
- ...Heretofore, security systems have been provided for use by a guard to **monitor** access to a restricted area at government and industrial facilities. Such systems are usually used...must not take more than a few seconds. Such security systems may include remote video **monitoring** by the guard and even remote control of gates into the secured area by the guard when he ascertains by observing a **person** on his **monitor** that the **person** passes a criteria of identification...
- ...more video cameras that cover the entrance area and a receptacle is provided for the **person** to insert his ID card or badge on which there may be a picture of the **person** 's face. While in that receptacle, the ID card may also be examined optically, magnetically...
- ...the card is so encoded. A second video camera scans the ID card and the **images** from both **cameras** are combined and fed to the guards **monitor** . If the **person** appears to be the same as the picture on the card and the card is valid, the guard opens the gate admitting the **person** . For convenience of observation, the system combines the video signals from the cameras electrically using...
- ...conventional screen splitter circuit and the combined video picture is produced on the guard's **monitor** .
...
- ...at the gate where he physically present there. The system serves only to observe the **person** and his ID card remotely. In addition, from one remote location a guard can **monitor** several gates that are equipped with such cameras and may use a separate **monitor** for each gate or time sequence observations from gate to gate and observe all on one **monitor** .
....
- ...provide a method and means for quickly and easily observing a unique part of the **person** 's anatomy along with the **person** 's ID card and appearance and for storing images of those observations for review and...

- ...on it spite of use of equipment at airline terminals for inspecting luggage and each **individual** passenger for weapons. For those inspections, x-ray equipment is used to view the contents...
- ...portals through which the passenger walks are used to detect large metal objects on the **person** . These efforts have not stopped such terrorism, because weapons are secreted onto the airplane in other ways than in luggage or on the **person** .
 - ...of unique personal identification of each passenger as well as the passengers boarding pass or **passport** (in the case of international flights) as each **individual** passenger boards the aircraft, all within a few seconds time and without interrupting the flow...
- ...license. The usual drivers license is a card that has a photographic picture of the **person** (licensee) on one face of the card. Such a drivers license is difficult to forge...
- ...However, often the picture on the license is not a very good likeness of the **person** and unless the clerk carefully examines the license and compares the picture with the customer who presents the license, it is relatively easy for one to use another **person** 's drivers license and fool the clerk. This situation occurs all too frequently in bars...
- ...Altering a drivers license by the **person** to whom it is issued, also occurs. In many states a **person** may qualify to drive and get a driver license at an age below the drinking age. Although it is a criminal offense, an underage **person** may alter his birth date on his drivers license and present it to the sales...documentation and/or corroboration of the identification of a customer could include pictures of the **person** and his drivers license along with evidence of where and when the pictures were taken...
- ...alcoholic beverage from the package store using another's license and that he is the **individual** in the picture. This would imply that the store clerk (the proprietor) was negligent in...
- ...A video image system for identifying a **person** by the **person** 's hand palm and face, along with the **person** 's ID card or pass that may have a picture of the **person** on it, includes several video cameras or scanners and a video cassette recorder (VCR) that records images of the **person** 's palm and face and the ID card or pass presented, all at the same...
- ...use in security at a gate to a secured area by a security guard to **monitor** access of qualified people to the secured area; it has use for screening passengers boarding...
- ...make unique body identifications of the boarding passengers along with the passengers seat pass or **passport** ; and for personal identification of customers of a commercial business to make a record for...
- ...The basic system includes several video **cameras** for producing **images** of the persons's hand palm, and face when the **person** enters a designated place and follows simple instructions. At the designated place is a viewing area on which the **person** places his hand so that the palm of the hand can be viewed, a viewing area for the **person** 's ID card or pass and while the **person** is at that designated place and even while placing his hand so that the palm of his hand can be viewed, the **person** 's face is within view of a video camera. The viewing areas for the hand ...

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...ID card may be next to each other on a common platform, inasmuch as the **person** may easily place his ID card on that platform and then place his hand on...

...is convenient to view both the palm and the ID card with a single video **camera** that produces a video **picture** of both together. Meanwhile, another video camera is located to view the **person**'s face while that **person** is holding his hand on the platform. The video **images** from these **cameras** are combined using a video screen splitter producing a combined video image which can be viewed on a **monitor** and stored on a video recorder, like a VCR. In a preferred embodiment, the combined...

Description of the Drawings:

...view of the container and the illumination and camera adjusting structures therein for the video **camera** that produces video **images** of the **person**'s palm and ID card...

...side and front views, respectively, showing the principal electrical video parts of an embodiment for **monitoring** and recording a customer about to purchase at a retail store, such as, for example...

...FIG. 9 shows the video **monitor** image that is produced by the system of FIGS. 6 to 8...

...images of each passenger's palm, face, boarding pass or ticket and ID card or **passport** ;
...

...FIG. 12 shows the video **monitor** image that is produces by the system of FIGS. 10 and 11...

...FIG. 13 is a diagram showing the vido connections between video camers, VCR and video **monitors** such as are present commercially available from major suppliers; and...

...a block diagram of an embodiment of the system for use by a guard to **monitor** entrance to a secured area by qualified personnel for whom the guard has access to...

...call up for comparison to the corresponding video pictures generated at the time of the **person** seeking entrance.

Description of the Invention:

...For any of these operations, the video **image** from **camera** 11 of the **person**'s palm and ID card and the video **image**0 from **camera** 23 of the **person**'s face are produced at the same time. These video images are combined by a...

...cable 31, connects to a special input of camera 11 and the video output of **camera** 11 is the combined video **image** of the **person**'s palm, face and ID card and is fed by cable 32 to both **monitors** 24 and 26 to VCR 27
...

...In operation, when a **person** is standing before the platform 2 and follows the simple instructions, the combined video image that shows on both of the **monitors** is substantially as shown in FIG. 4. The combined video image shows the **person**'s face at part 35 of the image, his ID card at 36 and the...

...VCR and when it is recorded to the satisfaction of the guard or

attendant, the **person** is allowed to pass on...40 and the manual focus are coordinated adjustments to provide the desired image of the **person**'s palm and ID card on the **monitors**. Similar adjustments can be made to **camera** 23 to perfect the **image** on the **monitor** of the **person**'s face. Here again, the system combines the simultaneous **pictures** from **cameras** A and B electronically providing a single video picture signal of which many frames are stored on a video tape in video cassette recorder 27 and video picture **monitor** 26 may be provided for an operator as well as **monitor** 24 for the customer...

...of the table as shown and performs according to the instructions. The cameras, illumination and **monitors** are on at all times. When the customer stands on mat 28, the VCR is...

...be operated by an operator who instructs the customer what to do and observes the **monitor** and when the combined picture shown in FIG. 4 is satisfactory, turns off the VCR...and may also include the cash register and the counter. The system combines the simultaneous **pictures** from **cameras** 23 and 11 electronically providing a single video picture signal of which many frames are stored on VCR 27 that may be located under the counter. A video picture **monitor** 26 is provided for both the customer and the clerk to observe and that **monitor**, both cameras and the illumination for both cameras are turned on all of the time...

...23 is lighted by the normal light in the store. As mentioned, the cameras and **monitor** and lights are on continuously. Operated in this way, it should take no more time...

...Airline Passenger **Monitoring** and Recording...

...FIG. 10 to 12 illustrate an embodiment of the invention for **monitoring** and recording personal information about passengers entering and boarding air airplane. FIG. 10 is a...

...are provided according to the present invention and illustrated in FIGS. 10 and 12 for **monitoring** and recording each entering passenger's hand palm, face, ID card or **passport** and boarding pass or ticket in just about the same time it takes for an...

...at these platforms instruct the passenger and check that he places his ID card or **passport** face down on the appropriate viewing area on the top surface 81 of the platform...

...s hand placed palm down thereon, window 83 for the passenger's ID card or **passport**, window 84 for the passenger's boarding pass or ticket and may include instructions 85 and/or explanations to the passenger of what this **monitoring** and recording is all about. Other than the windows, the top 81 is opaque...be a one-way window and so appear as a mirror to the passenger. A **monitor** like **monitor** 26 in the previous embodiments may be provided for the attendants and located in the...

...can see it although the passenger may not be able to see it, or a **monitor** for the attendant may be located in the opposite wall 72 of the passageway. In addition other **monitors** may be located at a remote location and viewed by police or other authorities who...

...face down on window 84 and instructs the passenger to place his ID card or **passport** face down on window 83 and place his right hand on window 82. At that point, the attendants **monitor** shows the combined images as represented in FIG. 12 which may or may not also...

...from camera 23 at 91, boarding pass or ticket at 92 and ID card or

passport at 93...

- ...flight number, time and date can be superimposed on the image on the attendant's **monitor** and on the remote **monitor** as well as on the recorded image. Of this information, the airline designation and flight ...
- ...video system for practice of the present invention including commercially available video cameras, VCR, and **monitors**. The reference numbers on these items are the same as the equivalent parts shown in...
- ...into parts A and B as represented in FIG. 4. This split places the video **image** from the A **camera** 23 at the position A on the **monitor** and the video **images** from the B **camera** 11 at the position B on the **monitor** ...114 of 11 and coaxial cable 32 from terminal from 116 carries the combined video **image** from both **cameras** to the **monitors** 24 and 26 and to VCR 27. VCR 27 may be a Panasonic Time-Lapse...
- ...VCR 27 is turned on and off by a record switch in mat 28. **Monitors** 24 and 26 may be the same, they may be high resolution, black and white, twelve to twenty inch, desk-top **monitors**, such as Panasonic **monitors** designated WV-5410. These have a horizontal resolution of 850 lines at the center...
- ...Security **Monitoring** with Access to Personal Records...
- ...form a video system including several video cameras and a video scanner, a VCR and **monitors** that is operated by a guard or security personnel to produce images on a subject...
- ...The computer (not shown) responds by looking up stored records of the **individual** to whom the ID card was properly issued and presents that information for comparison with the palm and face of the **person** presenting the ID card. This system is intended not only to record, but also to...
- ...information from stored files as an aid to the guard to determine quickly whether the **individual** who presents the ID card is in fact the one to whom the card was...
- ...in FIG. 14, a video camera 111 is provided for producing an image of the **person**'s palm and may be located in a container as shown in FIG. 5 including all other equipments shown therein for illuminating the **individual**'s palm. Another **camera** 123 produces a video **image** of the **individual**'s face. At the same time, a video image of the **individual**'s ID card is obtained from a video scanner 124 that may be part of apparatus 125 into which the **person** inserts his ID card and in which the face of the card having the **person**'s picture and/or other information on it that can be optically scanned is scanned...
- ...The video **images** from **camera** 11 and **scanner** 124 are fed to video screen splitter circuit 128 and the output of 128 is fed along with the video **image** from video **camera** 123 to another video screen splitter 129. The output of 129 is the combined video image of the **person**'s palm, face, and ID card and is fed to **monitors** 131 and 132 and also to VCR 133. VCR 133 is turned on and off by a switch operated by pressure on mat 28 on which the **person** stands when placing his palm for scanning 111 and his face is within the view **Monitors** 141, 142 and 143 are provided for presenting the guard or attendant any information from stored records about the **individual** to whom the ID card was originally

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issued. That information may be text or pictorial. For immediate screening and decision about the **person** presented the ID card, retrieval from storage must be done within seconds or the processing of the **individual** may be slowed down excessively. Clearly, text and pictorial information in the form of diagram...

...be retrieved within a fraction of a second and so a pictorial representation of the **individual** 's palm can be retrieved from storage fast enough to serve the system and a pictorial representation of the **individual** 's face could also be retrieved fast enough to serve the system. Of these two...

...clearly the palm can be compared by an operator with the palm presented by the **individual** and scanned by camera 111 more quickly and with more assurance than the **individual** 's face...

...In this embodiment, three **monitors** 141, 142 and 143 for the **person** 's palm, face and ID card are shown although it is discretionary with the application...

...upon what information is available from storage. At any rate, the video image of the **person** 's palm from **camera** 111 along with pictorial video **image** from stored records are fed to video screen splitter 145 that may split these images equally on the screen of **monitor** 141 so that they can be compared side by side as represented in the Figure...

...Similarly, the video image of the **person** 's ID card from **scanner** 124 along with video text **image** from the stored record are fed to video screen splitter 146 and those images are presented side by side on the screen of **monitor** 142. Clearly, if the text on the ID card and the text from storage are arranged in the same way as presented on **monitor** 142, and guard can make the comparisons most quickly and accurately. The purpose here is...

...Also, in a similar way pictorial information from a storage along with the video **image** from **camera** 123 are fed to video screen splitter 147 and presented side by side on the screen of **monitor** 143 for inspection by the guard. This pictorial information of the proper owner of the...

...on the face of the card and so may not look any more like the **individual** presenting the card than the picture of the face on the card even though it is the proper **individual** , because faces change and look different in different lighting, with or without eye glasses, with...

...Clearly, a palm can not be forged, it is unique to each **individual** and it is most difficult for an impostor to disguise his palm to look like the palm of the **person** from whom the ID card may be stolen, because it is most unlikely that the impostor would know what that **person** 's palm looks like. However, the impostor may know what that **person** 's face looks like and may be able to disguise himself to look like the...Rapid recording of images of an **individual** 's palm and face along with ID items presented by the **individual** like a badge, card, drivers license, **passport** , etc., for immediate inspection by a guard, store clerk or attendant, etc. that can be...

2/3,K/72 (Item 65 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

2582015 **IMAGE Available

11305-Aug-0312:48 PM

...the wedge prisms are schematically shown in a lateral view, the circular path of the **individual** points M1, M2, M3 is designated by the letter M, while the paths of the...performing the fingerprint comparison, a prism 127 is provided onto which the finger of the **person** being tested is placed, and which is illuminated via a lens 129 by its own...in further detail programmed such, that the course over time of the interrogation of the **individual** examination processes discussed above can be performed either in the sequence of comparison of the...master symbol may be, for example, a further fingerprint copy, which may belong to some **person** in an important position in the particular business to which these cards belong. In that...also possible to place thereon, in a superimposed representation, two or more fingerprints of one **person**, and possibly even of several persons; then the comparison system locates that copy of the...

...it is possible, for example, to embody the appliance in such a way that the **person** to be tested at a particular time feeds a particular code, pertaining only to this **person**, into the appliance; this code may be a number code or even the **person**'s own name. Then, out of the multiplicity of fingerprints stored in the appliance, the appliance selects the fingerprint which is suppose to agree with the fingerprint of the **person** who has just fed his code into the appliance, and transports this fingerprint into the...

...can provide access as soon as the testing process has ascertained the identity of the **person** in a satisfactory manner...

2/3,K/75 (Item 1 from file: 713)

DIALOG(R)File 713:Atlanta J/Const.

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07615228

SOUTH AFRICA THE ROAD TO DEMOCRACY

Atlanta Constitution (AC) - Sunday April 24, 1994

By: Tom Baxter STAFF WRITER

Section: FOREIGN NEWS Page: A/10

Word Count: 3,578

CAPTION:

...vote. Here's a wuick look at how it actually works. HOW THE ELECTION IS **MONITORED** The Independent Election Commission has been charged with coordinating and **monitoring** the elections. Most importantly, it has been given the power to declare whether the elections...

... a separate solution sought. The IEC is made up of 11 South Africans and five **foreigners**. WHAT THE ELECTION MEANS For black South Africans, this week's voting will be a an ID book (dark blue or green) or a South African **passport**. Dual nationality is no problem. Voting in Atlanta and 14 other cities in the United...residents scramble to complete paperwork to register to vote / W. A. Bridges Jr. / staff Color **photo** : A **camera** -shy woman hustles her child into their shack in Khayelitsha, a black township near prosperous...

2/3,K/76 (Item 1 from file: 756)

DIALOG(R)File 756:Daily/Sunday Telegraph

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00078793 697108711 (USE FORMAT 7 FOR FULLTEXT)

Kitty, the spy who loved too much

Helen Weinstein

Sunday Telegraph, p2

Sunday, September 2, 2001

JOURNAL CODE: ST LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSPAPER SECTION HEADING: Review

WORD COUNT: 1,641

TEXT:

...dressed in shorts and espadrilles. She is smiling and squinting slightly, looking away from the **camera**. This fading black-and-white **photograph** is the only memento her family has of Kitty Harris, now known to have been...

...first foreign posting, to the Paris Embassy, in glowing terms: "Maclean . . . is a very nice **individual** indeed and has plenty of brains and keenness. He is, too, nice-looking and ought...seven months after he had interviewed Harris about her European mission. Krivitsky knew both her **passport** names of Katherine Harrison and Kitty Harris, and he vividly described her as "about 40...

...handling material on the development of the atomic bomb; and in Mexico City - as Ada - **monitoring** Trotskyists after the murder of Leon Trotsky there in 1940. Harris was still not obeying...

2/3,K/77 (Item 1 from file: 765)

DIALOG(R)File 765:Frost & Sullivan

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00412104

STRATEGIC ANALYSIS AND FORECASTS OF THE GERMAN ELECTRONIC ACCESS CONTROL SYSTEMS MARKET: Strategic Analysis and Forecasts of the Identity Card Systems Market: Pricing Trends

Main Title: EUROPEAN ELECTRONIC ACCESS CONTROL SYSTEM MARKETS

Pub. Date: February 1997

Source: Frost & Sullivan

Telephone: US (415) 961 - 1000; London 071 730 3438

Word Count: 234 (1 pp.)

Language: English

Country: EUROPE

Industry: INDUSTRIAL AND MANUFACTURING

Pricing Trends

ID cards are custom designed to **individual** specifications. Card prices vary with quantity, complexity of design, card type and whether a photo...
...price range for ID cards is from \$0.30 to several dollars each. ID card **camera** systems producing instant **passport** -type **pictures** cost in the region of \$1,010. These systems produce the traditional type of cut...

...000, depending on the type of installation.

These systems can incorporate Pentium-based computers with **monitors**, card

Search Report from Ginger R. DeMille

production software, CCD colour video cameras and card printers.
Depending on the manufacturer, additional...

2/3,K/78 (Item 1 from file: 994)
DIALOG(R)File 994:NewsRoom 2001
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0316502076 15KT020V

Kitty, the spy who loved too much

SUNDAY TELEGRAPH (UK)

Sunday, September 2, 2001

JOURNAL CODE: ADTA LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newspaper ISSN: 0307-269X

WORD COUNT: 1,644

...first foreign posting, to the Paris Embassy, in glowing terms: "Maclean
. . . is a very nice **individual** indeed and has plenty of brains and
keenness. He is, too, nice-looking and ought...seven months after he had
interviewed Harris about her European mission. Krivitsky knew both her
passport names of Katherine Harrison and Kitty Harris, and he vividly
described her as "about 40...

...handling material on the development of the atomic bomb; and in Mexico
City - as Ada - **monitoring** Trotskyists after the murder of Leon Trotsky
there in 1940. Harris was still not obeying...

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? show files

File 13:BAMP 2003/Jul W3

(c) 2003 Resp. DB Svcs.

File 75:TGG Management Contents(R) 86-2003/Jul W3

(c) 2003 The Gale Group

? ds

Set	Items	Description
S1	101937	IMAGE OR IMAGES OR IMAGING OR IMAGERY OR PICTURE OR PICTURES OR PHOTO? ? OR PHOTO()GRAPH? OR PIX OR PIC OR PICS
S2	26979	(SCAN? OR INPUT OR INSERT?) () (UNIT? ? OR DEVICE? ? OR SYSTEM? ? OR MACHINE? ? OR CONTROLL?R? ?) OR SCANNER? OR READER? OR SWIPE? OR SWIPPING?
S3	2727	PASSPORT? ? OR PASS()PORT? ? OR INTERNATIONAL(2W) (ID OR IDENTIFICATION OR LICENSE? OR VISA OR PERMIT) OR (IDENTIFICATION OR ID OR IDENTIFYING) (2N) (CARD? ? OR DOCUMENT? OR LICENSE) OR DRIVER??()LICENSE?
S4	1782	S1(10N) (MONITOR? OR WATCH? OR SURVEILLANCE? OR CAM OR VIDEOCAM? OR VIDEO()CAM? OR WEBCAM? OR WEB()CAM?)
S5	1090	S1(8N)S2
S6	52	S3 AND S5
S7	5	S3(8N)S5
S8	21	S2(10N)S4
S9	1	S8(10N) (REMOTE? OR DISTANT OR OFFSITE? OR OFF()SITE? OR (A-NOTHER OR SEPARATE) () (LOCATION OR PLACE))
S10	52	S6 OR S7 OR S9
S11	10	S8 NOT PY>1998
S12	23	S10 NOT PY>1998
S13	23	RD (unique items)
S14	2	S7 NOT PY>1998
S15	2	RD (unique items)
S16	1	S9 NOT PY>1998
S17	1	RD (unique items)
S18	3	S15 OR S17
S19	3	RD (unique items)

? t19/3,k/all

19/3,K/1 (Item 1 from file: 13)

DIALOG(R)File 13:BAMP

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1104826 Supplier Number: 01772186 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Security at the World Bank

(The World Bank installs \$9 mil integrated electronic security system to guard against risks such as internal theft, crime and even terrorism)

Article Author(s): Hall, Steve

Security Management, v 42, n 12, p 77-82

December 1998

DOCUMENT TYPE: Journal ISSN: 0145-9406 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3063

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...upload to the computer once it is functioning again.

Both the turnstiles and the card **readers** use proximity technology, which is embedded in the **photo ID cards**. Proximity technology was chosen because the parking garages had used a proximity card access control...

19/3,K/2 (Item 2 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2003 Resp. DB Svcs. All rts. reserv.

1091478 Supplier Number: 01597855 (USE FORMAT 7 OR 9 FOR FULLTEXT)
With Justice and a Library for All
(The Library of Congress has implemented a new security strategy which aims to curb book theft, vandalism, and other crime; article discusses this strategy in detail)
Article Author(s): Gips, Michael A
Security Management, v 42, n 7, p 44-50
July 1998
DOCUMENT TYPE: Journal ISSN: 0145-9406 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3045

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...solutions (and the consultants had confirmed those risks), Billington instituted additional security requirements, such as **reader** registration **photo identification cards** and lockers for researchers' personal belongings.

In 1992, the library also formed the Collections Security...

19/3,K/3 (Item 3 from file: 13)
DIALOG(R)File 13:BAMP
(c) 2003 Resp. DB Svcs. All rts. reserv.

1056316 Supplier Number: 01137824 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Imaging All the People
(The ID card is presently the most popular and extensive technique of identification among ID technologies)
Article Author(s): Hershkowitz, Joel
Security Management, v 41, n 8, p 73-74,76+
August 1997
DOCUMENT TYPE: Journal ISSN: 0145-9406 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3022

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...is less flexible and produces pictures of lesser quality. A camcorder can also be used **remotely** to take **pictures** that can be downloaded later into the **imaging** software. A **video camera** is directly linked to a computer screen so its **pictures** can be viewed and captured simultaneously.

While **scanners** are not essential to system operation, they are a good graphic aid. For example, if...
?

Search Report from Ginger R. DeMille

? show files

File 15:ABI/Inform(R) 1971-2003/Aug 02
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 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

? ds

Set	Items	Description
S1	5053899	IMAGE OR IMAGES OR IMAGING OR IMAGERY OR PICTURE OR PICTURES OR PHOTO? ? OR PHOTO()GRAPH? OR PIX OR PIC OR PICS
S2	1482724	(SCAN? OR INPUT OR INSERT?) () (UNIT? ? OR DEVICE? ? OR SYSTEM? ? OR MACHINE? ? OR CONTROLL?R? ?) OR SCANNER? OR READER? OR SWIPE? OR SWIPPING?
S3	229737	PASSPORT? ? OR PASS()PORT? ? OR INTERNATIONAL(2W) (ID OR IDENTIFICATION OR LICENSE? OR VISA OR PERMIT) OR (IDENTIFICATION OR ID OR IDENTIFYING) (2N) (CARD? ? OR DOCUMENT? OR LICENSE) OR DRIVER??()LICENSE?
S4	101129	S1(10N) (MONITOR? OR WATCH? OR SURVEILLANCE? OR CAM OR VIDEOCAM? OR VIDEO()CAM? OR WEBCAM? OR WEB()CAM?)
S5	68581	S1(8N)S2
S6	1337	S3 AND S5
S7	145	S3(8N)S5
S8	2046	S2(10N)S4
S9	46	S8(10N) (REMOTE? OR DISTANT OR OFFSITE? OR OFF()SITE? OR (A-NOTHER OR SEPARATE) () (LOCATION OR PLACE))
S10	1376	S6 OR S7 OR S9
S11	1269	S8 NOT PY>1998
S12	666	S10 NOT PY>1998
S13	440	RD (unique items)
S14	73	S7 NOT PY>1998
S15	52	RD (unique items)
S16	18	S9 NOT PY>1998
S17	15	RD (unique items)
S18	67	S15 OR S17
S19	67	RD (unique items)

? t19/3,k/all

19/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01740249 03-91239
Security at the World Bank
Hall, Steve
Security Management v42n12 PP: 77-82 Dec 1998
ISSN: 0145-9406 JRNL CODE: SEM
WORD COUNT: 3063

...TEXT: upload to the computer once it is functioning again.

Both the turnstiles and the card **readers** use proximity technology, which is embedded in the **photo ID cards**. Proximity technology was chosen because the parking garages had used a proximity card access control...

19/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01674808 03-25798
With justice and a library for all
Gips, Michael A
Security Management v42n7 PP: 44-50 Jul 1998
ISSN: 0145-9406 JRNL CODE: SEM
WORD COUNT: 3085

...TEXT: solutions (and the consultants had confirmed those risks), Billington instituted additional security requirements, such as **reader registration photo identification cards** and lockers for researchers' personal belongings.

In 1992, the library also formed the Collections Security...

19/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01616332 02-67321
On-screen presence
San Filippo, John
Credit Union Management v21n4 PP: 36-39 Apr 1998
ISSN: 0273-9267 JRNL CODE: CUM
WORD COUNT: 1732

...TEXT: interaction. After a prospective member types in the necessary information for a membership application, a **scanner** takes a **picture** of the applicant's driver's **license** or other **identification**, a video camera takes a **picture** of the applicant, and a fingerprint **reader** captures the applicant's fingerprint. PEFCU's members can then use their fingerprint as IDs...

19/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01573585 02-24574

Verifier makes sure small parts will comply

Anonymous

Automatic I.D. News v14n1 PP: 10 Jan 1998

ISSN: 0890-9768 JRNL CODE: AIN

WORD COUNT: 211

...TEXT: viewing symbol focus and position are included in the system package.

For more inf, circle **Reader Inquiry Card** :

Auto **Image ID** CIRCLE 356

19/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01481110 01-32098

Imaging all the people

Hershkowitz, Joel

Security Management v41n8 PP: 73-77 Aug 1997

ISSN: 0145-9406 JRNL CODE: SEM

WORD COUNT: 3016

...TEXT: is less flexible and produces pictures of lesser quality. A camcorder can also be used **remotely** to take **pictures** that can be downloaded later into the **imaging** software. A **video camera** is directly linked to a computer screen so its **pictures** can be viewed and captured simultaneously.

While **scanners** are not essential to system operation, they are a good graphic aid. For example, if...

19/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01239504 98-88899

Facing down ID forgery

Queeno, Cameron

Security Management v40n6 PP: 89-95 Jun 1996

ISSN: 0145-9406 JRNL CODE: SEM

WORD COUNT: 3993

...TEXT: instances in which someone has altered a company badge. By running the symbol through a **reader**, a security officer gets a **picture** on a PC screen of what the **ID card** is supposed to look like. He or she can then compare that to the card...

19/3,K/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01115809 97-65203

Electronic imaging & storage guide

Vangelova, Luba

Government Executive v27n11 PP: 1A-12A Nov 1995

ISSN: 0017-2626 JRNL CODE: GOV

WORD COUNT: 6093

...TEXT: and storage to handle this information load. Loral has assembled a system using a Kodak **scanner**, IBM servers, Cornerstone high-resolution **monitors** and Kodak optical disks, among other products.

Upcoming large **imaging** projects include a **remote** sensing and image processing system for the U.S. Forest Service. Federal Sources Inc., a...

19/3,K/8 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01067575 97-16969

Access control gets a new image

Kruegle, Herman

Security Management v39n7 PP: 47-50+ Jul 1995

ISSN: 0145-9406 JRNL CODE: SEM

WORD COUNT: 2811

...TEXT: recorded and stored when a person enrolls in the system. The card bearer enters the **ID card** in a **reader** to request access. The retrieved **photo** is viewed by a security officer, who allows or denies access.

Photo IDs. In photo...

19/3,K/9 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00745459 93-94680

Taming the transition: Canada Post implements award-winning recipe in cost-information technology

Melanson, Daniel

Info Canada v18n6 PP: 24-25 Jun 1993

ISSN: 0025-9535 JRNL CODE: CPD

...ABSTRACT: developed jointly by Canada Post and Andersen Consulting. By replacing time clocks with automated card **swipe** terminals and punch cards with magnetically encoded **photo identification cards**, Canada Post has a far better handle on exactly how much labor is being expended...

19/3,K/10 (Item 10 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00728523 93-77744

Double Exposure

Alster, Norm

Forbes v150n6 PP: 408-409 Sep 14, 1992

ISSN: 0015-6914 JRNL CODE: FBR

WORD COUNT: 793

...TEXT: concentrating on grinding out a series of solid singles and doubles. Polaroid is supplying electronic **scanners** and cameras for Citicorp's new **photo ID credit cards**. Mexico has enlisted Polaroid for photo IDs in its voter registration drive. Booth continues to...

19/3,K/11 (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00119077 80-13028

Three-Level Security All on One Card

Anonymous

ABA Banking Journal v72n6 PP: 75 Jun 1980

ISSN: 0194-5947 JRNL CODE: BNK

...ABSTRACT: restricted areas within EDP and other sensitive zones; most employees must place their magnetic-striped **photo ID cards** into a **reader**'s slot at their assigned entry point, and the door opens if the holder is...

19/3,K/12 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05827450 Supplier Number: 50336937 (USE FORMAT 7 FOR FULLTEXT)

Canon offers minilab system

The Seybold Report on Publishing Systems, v28, n2, p17

Sept 30, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newsletter; Trade

Word Count: 163

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...of a scanner, server and printer, packaged to produce calendars, postcards, composites, product sheets, business **cards**, **ID photos** and signs. The **scanner** accepts cartridge film, 35mm film and printed materials up to 105 315mm in dimensions and...

19/3,K/13 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05822545 Supplier Number: 50330485

Telxon announces venture in China; subsidiary will work with Chinese manufacturer to produce equipment that reads data on ID cards.

Akron Beacon Journal (OH), pC7

Sept 15, 1998

Language: English Record Type: Abstract

Article Type: Article

Document Type: Newspaper; Trade

ABSTRACT:

...enters into a joint venture with a Chinese manufacturer for the production of a digital **image reader**, that could initially capture data

Search Report from Ginger R. DeMille

from **identification cards** and passports. The Fort Myers, FL-based subsidiary of Telxon Corp. obtained a license for...

19/3,K/14 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05764057 Supplier Number: 50250819 (USE FORMAT 7 FOR FULLTEXT)
Protect IDs from alteration
Automatic I.D. News, p15
August, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 148

... document or a label affixed to the item. When the document is verified at an **ID card** reader or **passport** control station, the **reader** compares the data and **images** on the card to the encrypted file. Alterations are detected immediately.
The technology can authenticate...

19/3,K/15 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05399929 Supplier Number: 54115142 (USE FORMAT 7 FOR FULLTEXT)
Keeping underage sales in check.(sale of regulated products to minors)
Beyer, Leslie
Grocery Headquarters, v63, n12, p45(1)
Dec, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 786

... easy to use and error-proof. To operate the system, the clerk visually verifies the **photo** then **swipes** the **license** or **ID**. A "go" or "no go" message informs the cashier to accept or deny the purchase...

19/3,K/16 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05308590 Supplier Number: 48081008 (USE FORMAT 7 FOR FULLTEXT)
SecurCard Reader Available Through GSA
PR Newswire, p1027NEM001
Oct 27, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 350

... List.
IAI, founded in 1991, is a leading supplier of imaging solutions for the photo **identification** and **document imaging** markets. The company supplies its EyeRead Multi-Document **Reader** family worldwide. It also provides customized automated data entry solutions, work flow systems and systems...

19/3,K/17 (Item 6 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05058348 Supplier Number: 47424728 (USE FORMAT 7 FOR FULLTEXT)

A Novel Networking Approach

Chin, Tyler L.

Health Data Management, p44

June, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2668

... physician must enter his or her name and a password on a clinical workstations, or **swipe** a **photo ID card** with a magnetic stripe through card **readers** located at nursing stations at NCH facilities. Either mode of access automatically brings up a...

19/3,K/18 (Item 7 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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04843011 Supplier Number: 47124868 (USE FORMAT 7 FOR FULLTEXT)

The National Registry Inc. Conducts Unique Finger-Image 'Enrollment' at NAFCU Technology Forum & Trade Show

PR Newswire, p0213DCTH025

Feb 13, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 629

... image identification technology at an enrollment station near the Forum's registration booth. Attendees' finger **images** are captured by NRI fingertip **scanners**, then stored on personal **ID cards** provided by NRI. The attendees are then invited to take their ID cards to NRI...

19/3,K/19 (Item 8 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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04678522 Supplier Number: 46885998 (USE FORMAT 7 FOR FULLTEXT)

Keyware Will Demonstrate the First Security System to Combine Both Voice and Image Verification at COMDEX

PR Newswire, p1112NETU002

Nov 12, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 646

... microphones at access points throughout the complex. The server would process the input, match facial **images**, voice waves, **ID card swipes**, and passwords against the stored data profile in order to authenticate the person's identity...

19/3,K/20 (Item 9 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

Search Report from Ginger R. DeMille

(c) 2003 The Gale Group. All rts. reserv.

03562195 Supplier Number: 45005194 (USE FORMAT 7 FOR FULLTEXT)
**MIKOHN GAMING INTRODUCES REVOLUTIONARY MERCHANDISING-PLAYER TRACK SYSTEM AT
WORLD GAMING CONGRESS**

News Release, pN/A

Sept 20, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 479

... more automation and ease of
transaction recording. This includes our graphic imaging system
which scans **drivers licenses** and **passports**, incorporating the
pictures and signatures into the customer data file. Our **reader -**
printer allows the casino to automate its cage and minimize the bulky
equipment and variety...

19/3,K/21 (Item 10 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

03085970 Supplier Number: 44203874

**World Emerging And Niche-Oriented Automatic ID Product Markets: The Growing
Importance of Emerging and Niche-Oriented Automatic Identification
Products**

Research Studies (for further information apply to source indexed), pl-1
Nov, 1993

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

PRODUCT NAMES: 3579910 (Access ID Card Equipment); 3573241
(Magnetic Card **Readers**); 3573242 (**Image Scanners**); 3679120
(Magnetic Cards); 3662594 (Radio Frequency Detector Eqp); 3662660
(Speech Processing Equip)

19/3,K/22 (Item 11 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

03085969 Supplier Number: 44203873

**World Emerging And Niche-Oriented Automatic ID Product Markets: Major
Market Trends**

Research Studies (for further information apply to source indexed), pl-2
Nov, 1993

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

PRODUCT NAMES: 3579910 (Access ID Card Equipment); 3573241
(Magnetic Card **Readers**); 3573242 (**Image Scanners**); 3679120
(Magnetic Cards); 3662594 (Radio Frequency Detector Eqp); 3662660
(Speech Processing Equip)

19/3,K/23 (Item 12 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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Search Report from Ginger R. DeMille

03085968 Supplier Number: 44203872

World Emerging And Niche-Oriented Automatic ID Product Markets: Major Competitive Factors

Research Studies (for further information apply to source indexed), p1-3
Nov, 1993

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

PRODUCT NAMES: 3579910 (Access ID Card Equipment); 3573241
(Magnetic Card Readers); 3573242 (Image Scanners); 3679120
(Magnetic Cards); 3662594 (Radio Frequency Detector Equip); 3662660
(Speech Processing Equip)

19/3,K/24 (Item 13 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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02873835 Supplier Number: 43873111

Taming the transition: Canada Post implements award-winning recipe in cost-information technology

Info Canada, p24

June, 1993

Language: English Record Type: Abstract

Document Type: Magazine/Journal; General Trade

ABSTRACT:

...Outstanding Instructional Product category. A spokesperson for Canada Post said that by substituting automated card **swipe** terminals for time clocks and magnetically encoded **photo - ID cards** for punch cards, it has a much better handle on precisely how much labor it...

19/3,K/25 (Item 14 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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02782992 Supplier Number: 43733909

New First Chicago Facility Tackles Currency Exchanges

Chicago Sun Times (IL), p49

March 26, 1993

Language: English Record Type: Abstract

Document Type: Newspaper; Trade

ABSTRACT:

...more affordable than the fees charged by other check-cashing services. First Chicago will offer **identification cards swiped** through **readers** to display the cardholder's **picture**, signature, and types of checks that can be cashed. ...

19/3,K/26 (Item 15 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

02494660 Supplier Number: 43296191 (USE FORMAT 7 FOR FULLTEXT)

Double exposure

Forbes, p408

Sept 14, 1992

Language: English Record Type: Fulltext

Search Report from Ginger R. DeMille

Document Type: Magazine/Journal; General Trade
Word Count: 801

... concentrating on grinding out a series of solid singles and doubles. Polaroid is supplying electronic **scanners** and cameras for Citicorp's new **photo ID credit cards**. Mexico has enlisted Polaroid for photo IDs in its voter registration drive. Booth continues to...

19/3,K/27 (Item 16 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

02460097 Supplier Number: 43243693 (USE FORMAT 7 FOR FULLTEXT)
TURNKEY PHOTO ID MANAGEMENT SYSTEM INTRODUCED BY IDESCO
News Release, p1
August 24, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 404

... or data plus image
formats. Photos can be captured via video cameras, still-video cameras, **passport photos** or **scanners** for 35 mm **photos** or slides.

With the New IDESCO Photo ID Management System, badges can be made very...

19/3,K/28 (Item 17 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

02101930 Supplier Number: 42723655 (USE FORMAT 7 FOR FULLTEXT)
Photographic Output Arrives for MS Word for Windows and WordPerfect for Windows as LaserPix 3.0 (TM) Upgrade Triples Windows Applications Support
News Release, p1
Feb 3, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 525

... desktop for product
sheets, technical documentation, real estate listings, employee communications, newsletters, advertisements, medical imaging, **identification** and security **documents**.

LaserPix 3.0 prints 8-bit **image** files produced by **scanners**, video and still-video cameras (with frame grabbers), medical, analytical, and scientific imaging equipment. Clipart...

19/3,K/29 (Item 18 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01949284 Supplier Number: 42490703
Products That Never Forget A Face (Or A Bar Code): Automatic ID Shipments

Search Report from Ginger R. DeMille

To Hit \$7.1 Billion Worldwide

Research Studies (for further information apply to source indexed), pl-3
Nov, 1991

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

PRODUCT NAMES: 3579910 (Access ID Card Equipment); 3078963
(Magnetic Plastic ID Cards); 3573242 (Image Scanners);
3573243 (Barcode Readers); 3573241 (Magnetic Card Readers)

19/3,K/30 (Item 19 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

01326307 Supplier Number: 41561437

Video expands Budget's market

San Jose Mercury News, pC1

Sept 20, 1990

Language: English Record Type: Abstract

Document Type: Newspaper; General Trade

ABSTRACT:

...San Antonio, TX) Remote Transaction Booths are being used by the car rental industry. The **Remote** Transaction Booth (RTB) consists of 2 TV cameras, a TV **monitor** , a credit card **reader** , an **image** digitizer circuit board, a high-speed modem, a small printer, a personal computer, an auto...

19/3,K/31 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10314297 SUPPLIER NUMBER: 20894930 (USE FORMAT 7 OR 9 FOR FULL TEXT)

G&A Imaging hits big leagues. (vendor of photo identification software)

Douglass, Michelle

Computer Dealer News, v14, n16, p36(1)

April 27, 1998

ISSN: 1184-2369 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 450 LINE COUNT: 00038

... Windows platforms, using Microsoft's Open

Database Connectivity standard for information storage. It accepts digital **photos** from video cameras, **scanners** and other databases that store bitmap **images** , and it outputs **ID cards** to Windows-compatible printers. Resellers often bundle Episuite with digital cameras, Windows-based card printers...

19/3,K/32 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

09843971 SUPPLIER NUMBER: 19947898 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The new measures. (biometric system devices)

Brown, Randy

Buildings, v91, n9, p28(1)

Sep, 1997

ISSN: 0007-3725 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

Search Report from Ginger R. DeMille

WORD COUNT: 935 LINE COUNT: 00081

... holders at Walt Disney World, Orlando, verify their identities by placing a finger into a **scanner**. The system replaced **photo identification cards**.

* Residents of the Marshall Field Garden Apartments, a low-income housing site in Chicago, pass...

19/3,K/33 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09718787 SUPPLIER NUMBER: 19744400 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Omniplanar Licenses SwiftDecoder(TM) Bar Code Reading Software to Tohken Co., Ltd.

PR Newswire, p910NYW156

Sep 10, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 602 LINE COUNT: 00057

... Co., Ltd. is Japan's leading producer of a full line of industrial bar code **scanners**, color **image** recognition, optical **ID cards**, and soft X-ray inspection systems. As a leading innovator in information technology and integrated...

19/3,K/34 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09486060 SUPPLIER NUMBER: 19412889 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Sandia unveils the changing face of secure card technologies at CardTech/SecurTech '97.

Business Wire, p5161122

May 16, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 935 LINE COUNT: 00086

... technology will be demonstrated at the Fingerscan booth No. 1242.
Coms21 and Sandia: Hand-Held **Reader** and **Photo** Personalization **ID Card** Solution

Sandia and Coms21, currently engaged in an agreement to support the People's Republic...

19/3,K/35 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06722715 SUPPLIER NUMBER: 14476783 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Is your lab really secure? Here's how to protect it. (Laboratory Equipment)

Goldner, Howard

R & D, v35, n10, p47(3)

Sept, 1993

ISSN: 0746-9179 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1394 LINE COUNT: 00114

... programming system.

These systems may use PC-based customized programs to provide access

Search Report from Ginger R. DeMille

control; badge **readers** that retrieve employee identification photos; closed-circuit television that relays **images** from **remote** locations to a security **monitoring** center or video recorder; or alarms that generate screen displays on master control panels to...

19/3,K/36 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06432042 SUPPLIER NUMBER: 13619454 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Union Bank tests check cashing outlets in poor neighborhoods. (Management Strategies: Consumer Banking: Branch Delivery)

Sullivan, Deidre

American Banker, v158, n68, p8A(2)

April 12, 1993

ISSN: 0002-7561

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1166 LINE COUNT: 00092

... When the time comes to cash a check, the teller simply swipes the client's **identification card** through a **reader** and the **image** of the client - along with other key data, including salary information - appears on the screen...

19/3,K/37 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06231053 SUPPLIER NUMBER: 12523750 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Double exposure. (Polaroid Corp.)

Alster, Norm

Forbes, v150, n6, p408(2)

Sept 14, 1992

CODEN: FORBA

ISSN: 0015-6914

LANGUAGE: ENGLISH

RECORD TYPE:

FULLTEXT; ABSTRACT

WORD COUNT: 865 LINE COUNT: 00068

... concentrating on grinding out a series of solid singles and doubles. Polaroid is supplying electronic **scanners** and cameras for Citicorp's new **photo ID credit cards**. Mexico has enlisted Polaroid for photo IDS in its voter registration drive. Booth continues to...

19/3,K/38 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

05845002 SUPPLIER NUMBER: 12155909 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Video expands color scanning. (Cover Story)

Wilken, Earl

Graphic Arts Monthly, v64, n4, p32(4)

April, 1992

DOCUMENT TYPE: Cover Story

ISSN: 1047-9325

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2267 LINE COUNT: 00178

... and has a SCSI interface.

Other features: an electronic viewfinder, 16:1 zoom lens, a **remote** controller, a 13" Multiscan color **monitor** calibrated to 5,000[degrees]

Search Report from Ginger R. DeMille

Kelvin, Macintosh **image** import software, and a specially engineered electronic **scanner** with bayonet lens mount.

A variety of additional lenses are sold separately. Other options: Sony...

19/3,K/39 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

05141944 SUPPLIER NUMBER: 10624198 (USE FORMAT 7 OR 9 FOR FULL TEXT)
FINGERMATRIX SIGNS MARKETING AND SERVICE AGREEMENT WITH NEC TECHNOLOGIES
PR Newswire, 0424P4706
April 24, 1991
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 478 LINE COUNT: 00041

... and service rights covering Fingermatrix's "Video Mint(R)" system, which is a compact fingerprint **scanning device** and produces an exceptionally high resolution fingerprint **image**, making it an ideal **input device** for positive identification systems in applications such as **driver licenses**, passports and national identity cards. The state of California has just instituted a program to...

19/3,K/40 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04608352 SUPPLIER NUMBER: 09153641 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Non-destructive testing for nuclear reactors.
Modern Power Systems, v10, n4, p55(3)
April, 1990
ISSN: 0260-7840 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2242 LINE COUNT: 00175

... on a steam drum at SGHWR at Winfrith.
PHOTO : Figure 3. Loading an ultrasonic nozzle **scanning device** into a steam drum at SGHWR at
PHOTO : Winfrith.
PHOTO : Figure 4. The Risley on-site inspection team **monitor** a **remote** inspection using the Zipscan
PHOTO : **remote scanner** control and data gathering system.

19/3,K/41 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04567830 SUPPLIER NUMBER: 08397648 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AT&T demonstrates switched digital international service.
Nicholson, Paul J.
Telecommunications, v24, n4, p27(2)
April, 1990
ISSN: 0278-4831 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 745 LINE COUNT: 00060

... the users to transmit images on a single clear channel from one location to may **remote** sites. At the other end, the **image** is depicted on a PC **monitor**. Displayed conceptually on the cover of this issue, the

Search Report from Ginger R. DeMille

Overview **Scanner** operates in an interactive mode. Connections are straightforward; the scanner works as a peripheral to...

19/3,K/42 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04129221 SUPPLIER NUMBER: 07920616 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**SWBT begins 'medical imaging' marketing; signs trial contracts with
computer company, major hospitals. (Southwestern Bell Telephone Co.)**
PR Newswire, 1128SF010
Nov 28, 1989
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 872 LINE COUNT: 00073

... involves the transport of X-rays and other images, through the public telecommunications network, to **distant** health care locations for professional analysis. The Medical **Imaging** Systems equipment includes a low-cost, high-resolution, PC-based **monitor**, **scanner** and terminal.

Imaging applications include teleradiology, the transfer of radiographic images, magnetic resonance and computer tomography (CAT) scans
...

19/3,K/43 (Item 13 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03933490 SUPPLIER NUMBER: 08049093 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Filmless camera technology boosts image transmission.
Glidewell, Larry P.
Defense Electronics, v21, n6, p105(5)
June, 1989
ISSN: 0278-3479 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3063 LINE COUNT: 00257

... real time.

PHOTO : The Minolta 35-mm camera with electronic back, (foreground) tactical high band **reader**

PHOTO : (right) and **remote** control **monitor** and keypad (left) provides **images** on a removable

PHOTO : magnetic diskette.

PHOTO : With this configuration, the image transmission unit becomes highly portable and is...

19/3,K/44 (Item 14 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03898788 SUPPLIER NUMBER: 07461287 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Security goes beyond the gate; physical security and employee screening can
help you reduce theft losses. Technology also plays a role.**
Richardson, Helen L.
Transportation & Distribution, v30, n3, p34(3)
March, 1989
ISSN: 0895-8548 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1474 LINE COUNT: 00116

Search Report from Ginger R. DeMille

... re going to place your product and reputation in someone's hands, shouldn't you

PHOTO : know something about that person's history?

PHOTO : A **remote monitoring** system allows one person to **monitor** a large area.

PHOTO : Card **readers** can limit, and track, access to high risk areas.

19/3,K/45 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

02327016

Trafficking Invoices Behind the Freight

Modern Railroads October, 1989 p. 46-47

ISSN: 0736-2064

... manually. When an invoice comes in, it is scanned at once via a FileNet document **scanner**. The digitized **image** gets a **document ID** and is then placed in the 'OSAR' optical storage and retrieval library. Indexing happens when...

19/3,K/46 (Item 2 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

02018692

Laser scanner for subsea inspection

Noroil August, 1988 p. 83

ISSN: 0332-544X

... inspection of flexible and rigid pipelines and risers. The Spotscan system can be used on **remotely** operating vehicles. The spot laser **scanner** produces a high resolution **image** for display on video **monitors**. Not unlike stereo photogrammetry, the unit records real-time 3D **images**, which it sends to a surface control unit for digital processing and display of 3D...

19/3,K/47 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01719783 SUPPLIER NUMBER: 16215675 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Laserdiscs and CD-ROMs: similar, but different.

Stearns, Peggy Healy

Electronic Learning, v14, n2, pS2(1)

Oct, 1994

ISSN: 0278-3258

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 327

LINE COUNT: 00025

...ABSTRACT: video or 108,000 still images. Laserdiscs are played on a videodisc player and the **images** are displayed on a TV **monitor**. Laserdisc data can be accessed via a bar-code **reader**, software or a **remote** control. CD-ROMs can contain text, sound, graphics, video and animation, and can store up...

19/3,K/48 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01604942 SUPPLIER NUMBER: 13968373 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visions of money: through imaging, companies can maintain cash flow. (Image Network Technology's BankFlow 400)
Simpson, Charlie
MIDRANGE Systems, v6, n12, p3(1)
June 22, 1993
ISSN: 1041-8237 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 376 LINE COUNT: 00030

... a database. In addition, customer histories and Other cross referencing information is included with the **image0**. The signature verification subsystem also uses a flatbed **scanner** to scan and store **images** of customer signatures, along with personal **identification** images from **documents** such as driver's licenses. Images and data are stored in standard AS/ 400 DASD...

19/3,K/49 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01177631 SUPPLIER NUMBER: 04458834 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Program merges database data, photo images. (product announcement)
Freedman, Beth
PC Week, v3, n43, p23(1)
Oct 28, 1986
DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 623 LINE COUNT: 00051

... This module enables the database to be tailored to specific applications, Mr. Kendall said.

Once **pictures** are captured from a **video camera**, **FAX scanner**, video-cassette recorder or through **remote** communications, the **images** can be edited through PicturePower's editing facilities.

With this module, users can adjust a...

19/3,K/50 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01008645 Supplier Number: 39576926 (USE FORMAT 7 FOR FULLTEXT)
PASSGUARD 2000 ACCEPTED BY "COLLEGE OF NEW PRODUCTS"
PR Newswire, pN/A
August 27, 1985
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 392

... environmental conditions.

Designed to work in conjunction with Malco's OEM line of access control **readers** is a new polyester fiber, high coercivity **photo**

ID

card from Malco being introduced at this year's show.
PassGuard 2000 is on display at...

19/3,K/51 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1865331 Supplier Number: 01865331 (USE FORMAT 7 OR 9 FOR FULLTEXT)
A Novel Networking Approach
(NCH Healthcare System (Naples, FL) uses Navigen networking provided by
Sprint Healthcare Systems Inc (Kansas City, MO))
Health Data Management, v 5, n 6, p 44+
June 1997
DOCUMENT TYPE: Journal ISSN: 1069-5699 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2684

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...physician must enter his or her name and a password on a clinical workstations, or **swipe** a **photo ID card** with a magnetic stripe through card **readers** located at nursing stations at NCH facilities. Either mode of access automatically brings up a...

19/3,K/52 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1050674 Supplier Number: 01050674
Sumisho Datacom Launches Sales of Small Video Fax
(With the ability to transmit 340,000 different color shades, Sumisho Datacom launches a small 920 gram Video Fax)
Japan Industrial Journal, p 11
September 09, 1994
DOCUMENT TYPE: Business Newspaper (Japan)
LANGUAGE: Japanese RECORD TYPE: Abstract

ABSTRACT:

...color shades. By connecting the equipment to such video terminals as televisions, ordinary video equipment, **scanners**, or digital **video cameras**, still video **images** can be transmitted to **remote** NEC PC-98 PCs or DOS V PCs over ordinary telephone circuits or cellular telephones...

19/3,K/53 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1000672 Supplier Number: 01000672
Scanner Kit Converts Digital Copiers
(Ricoh introduced Imagio OD Scanner Kit 1, Image Passport 2.0, and Image Cooking hardware)
AEU, p 48
1994
DOCUMENT TYPE: Journal ISSN: 0385-0447 (Japan)
LANGUAGE: English RECORD TYPE: Abstract

(Ricoh introduced Imagio OD Scanner Kit 1, Image Passport 2.0, and Image Cooking hardware)

19/3,K/54 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

02699647 (USE FORMAT 7 OR 9 FOR FULLTEXT)

By the book

BANGKOK POST, p01
September 04, 1998
JOURNAL CODE: FBKP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1731

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... become members must present a copy of their house registration, a copy of their personal **ID card**, and two **photos**, together with a 50-baht membership fee. **Readers** who don't want to bother with membership can leave a deposit equal to the...

19/3,K/55 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

02350537 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Brunei: Passport found

AZLAN OTHMAN
BORNEO BULLETIN
July 29, 1998
JOURNAL CODE: FBBT LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 64

A Borneo Bulletin **reader** found a **passport** belonging to a Malaysian girl (**photo**) near the Immigration building in Jln Menteri Besar yesterday.

This passport bearing the name Dyg...

19/3,K/56 (Item 1 from file: 634)
DIALOG(R)File 634:San Jose Mercury
(c) 2003 San Jose Mercury News. All rts. reserv.

05088009

SUMMER'S SERIOUS AT JOLLY OLD OXFORD

SAN JOSE MERCURY NEWS (SJ) - Sunday, October 29, 1989
By: ROBIN WORTHINGTON, Mercury News Staff Writer
Edition: Morning Final Section: Travel Page: 1T
Word Count: 1807

...d ever promised not to set fire to a library, but the oath and two **passport pictures** earned me a temporary library card -- 'a **reader's ticket**' -- to one of the most famous libraries in the world.

That pleasantly eccentric...

19/3,K/57 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

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03820474 Supplier Number: 48291730 (USE FORMAT 7 FOR FULLTEXT)
**EASTMAN KODAK: Kodak Image Magic Systems expand the profit potential for
retailers**

M2 Presswire, pN/A

Feb 13, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1011

... feature, retailers can remove the PC card from the digital camera and use a card **reader** to download **images** to the system and make **passports** and photo IDs in minutes.

* Customized interface. The enhanced system interface lets retailers customize the...

19/3,K/58 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03725942 Supplier Number: 48052487 (USE FORMAT 7 FOR FULLTEXT)

EDS: Arkansas Medicaid program named most innovative

M2 Presswire, pN/A

Oct 15, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 553

... required for Medicaid claims processing from several weeks to 20 seconds. Medicaid patients now use **photo identification** magnetic "**swipe**" **cards** during physician visits that allow the AEVCS to verify their eligibility and benefit status on...

19/3,K/59 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03350546 Supplier Number: 46888441 (USE FORMAT 7 FOR FULLTEXT)

UNITED NATIONS: FAILS TO PINPOINT BLAME FOR JUNKED SECURITY SYSTEM

Inter Press Service, pN/A

Nov 13, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 704

... any staff member.

The state-of-the-art U.N. Access Control System (UNACS) included **identification cards**, hands-free card **readers**, **imaging** systems, computerized data-collection technology, and turnstiles at all of the entrances to the Secretariat...

19/3,K/60 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02949992 Supplier Number: 46002982 (USE FORMAT 7 FOR FULLTEXT)

UNITED NATIONS: U.N. ABANDONS BOTCHED HIGH-TECH SECURITY SYSTEM

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Inter Press Service, pN/A
Dec 12, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 704

... for waste, mismanagement, inefficiency and fraud.

The sophisticated U.N. Access Control System (UNACS) included **identification cards**, hands-free card **readers**, **imaging** systems, computerized data-collection technology and turnstiles at all of the entrances to the Secretariat...

19/3,K/61 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02525862 Supplier Number: 45087831 (USE FORMAT 7 FOR FULLTEXT)
30,000 OPTICAL CARDS: DREXLER'S LARGEST ORDER EVER
Optical Memory News, v173, pN/A
Oct 25, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 339

... and peripheral hardware such as card reader/writers, biometric identification systems (e.g. for fingerprints), **scanners**, electronic cameras and color **photo** printers. Other customers applications have included **ID cards**, personal medical records, and vehicle maintenance records. (Drexler: 415-969-7277; Fax: 415-969-6121...

19/3,K/62 (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01913631 Supplier Number: 43343061 (USE FORMAT 7 FOR FULLTEXT)
MEDICAL IMAGE MANAGEMENT SALES TO QUADRUPLE AND PASS \$500 MILLION BY 1998
Imaging Update, v4, n10, pN/A
Oct, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 390

... two thirds in six years.

Somewhat slower-growing market segments include subsystems such as laser **scanners** and printers, optical disks, **monitors**, and CCD cameras.

Teleradiology primarily communicates **images** between hospitals and radiologists **off - site** while PACS are designed to integrate image databases of an entire hospital's diagnostic facilities...

19/3,K/63 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0570721

T Enterprise Resource Planning ERP: system.<igned specifically to meet the needs of commercWDS President Dr. Anton Rodde. "These companies are

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actively positioning themselves to incorporate appropriate best practices from commercial manufacturers within both the commercial and military portions of their business, anassCONTRACT features in release 5.0 include:

April 01, 1996

Byline: -- Component use-up effectivity to minimize excess/obsolete

...director for UK Immigration
Service's Suspect Index Project.

WHAT: Richardson to discuss a document **image** processing
wipe"

machine-readable **passports** through an automatic **reader**
or enter names for take to manually search through a
s across a wide array...

19/3,K/64 (Item 2 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0396931 BW014

DREXLER: LaserCard security featured at exhibition of advanced card technologies

April 11, 1994

Byline: Business Editors/Computer Writers/Health Writers

...Systems will demonstrate the LaserCard in
conjunction with biometric identifiers such as fingerprint and hand
scanners , and as a digitized (computer readable) color **photo ID card**

The LaserCard system can verify card ownership by comparing a
user's electronically scanned fingerprints...

19/3,K/65 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1228904

NETU005

Imaging Automation's GrabIt Now Supported on Windows NT and Windows '95

DATE: February 17, 1998 10:00 EST WORD COUNT: 365

... identification products available from IAI. Other IAI products include
PC-Eye video digitizers, PhotoEase ID **photo** capture system, EyeRead
Multi-Document **Reader** for ISO/ICAO standard **ID documents** , PC-EyeDent
Photo ID Systems, and the Docutrieve family of document management
systems. For more information about Imaging...

19/3,K/66 (Item 2 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1134714

SFM029

2204-Aug-0305:40 PM

Advanced Precision Technology, Inc., Announces New Business Initiatives

DATE: August 4, 1997 05:56 EDT WORD COUNT: 611

... of customized photo ID cards. ISI is currently working on adding fingerprinting to children's ID cards , as well as integrating the APrint software and scanners into photo ID software. With ISI's significant installed base in the local Bay Area, APT will...

19/3,K/67 (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0364214 NY002
NEC TECHNOLOGIES WILL SELL, SERVICE FINGERMATRIX SYSTEMS

DATE: April 24, 1991 11:21 EDT WORD COUNT: 442

...and service
rights covering Fingermatrix's "Video Mint(R)" system, which is a compact fingerprint scanning device and produces an exceptionally high resolution fingerprint image , making it an ideal input device for positive identification systems in applications such as driver licenses , passports and national identity cards. The state of California has just instituted a program to...
?

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? show files

File 2:INSPEC 1969-2003/Jul W4
(c) 2003 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2003/Jul
(c) 2003 ProQuest Info&Learning
File 65:Inside Conferences 1993-2003/Aug W1
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File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Jun
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(c) 2003 Info. Today Inc.
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jul
(c)2003 Info.Sources Inc
File 474:New York Times Abs 1969-2003/Aug 02
(c) 2003 The New York Times
File 475:Wall Street Journal Abs 1973-2003/Aug 01
(c) 2003 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
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? ds

Set	Items	Description
S1	1548670	IMAGE OR IMAGES OR IMAGING OR IMAGERY OR PICTURE OR PICTURES OR PHOTO? ? OR PHOTO()GRAPH? OR PIX OR PIC OR PICS
S2	90955	(SCAN? OR INPUT OR INSERT?)() (UNIT? ? OR DEVICE? ? OR SYSTEM? ? OR MACHINE? ? OR CONTROLL?R? ?) OR SCANNER? OR READER? OR SWIPE? OR SWIPPING?
S3	6466	PASSPORT? ? OR PASS()PORT? ? OR INTERNATIONAL(2W)(ID OR IDENTIFICATION OR LICENSE? OR VISA OR PERMIT) OR (IDENTIFICATION OR ID OR IDENTIFYING)(2N)(CARD? ? OR DOCUMENT? OR LICENSE) OR DRIVER??()LICENSE?
S4	13994	S1(10N)(MONITOR? OR WATCH? OR SURVEILLANCE? OR CAM OR VIDEOCAM? OR VIDEO()CAM? OR WEBCAM? OR WEB()CAM?)
S5	9999	S1(8N)S2
S6	19	S3 AND S5
S7	2	S3(8N)S5
S8	177	S2(10N)S4
S9	2	S8(10N)(REMOTE? OR DISTANT OR OFFSITE? OR OFF()SITE? OR (ANOTHER OR SEPARATE)() (LOCATION OR PLACE))
S10	21	S6 OR S7 OR S9
S11	156	S8 NOT PY>1998
S12	16	S10 NOT PY>1998
S13	15	RD (unique items)

? t13/3,k/all

13/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5713401 INSPEC Abstract Number: C9711-6130D-059

Title: How to improve forms processing data recognition

Author(s): Maronde, M.; Burton, B.

Journal: Inform vol.11, no.8 p.18-21

Publisher: Assoc. Inf. & Image Manag. Int,

Publication Date: Sept. 1997 Country of Publication: USA

CODEN: INFREN ISSN: 0892-3876

SICI: 0892-3876(199709)11:8L:18:IFPD;1-C

Material Identity Number: K884-97008

Language: English

Subfile: C

Copyright 1997, IEE

Search Report from Ginger R. DeMille

Abstract: Forms processing systems consist of computer hardware, **image scanners**, specialized software, recognition engines and another element that is all too often overlooked, the creation...

... and higher data accuracy rates. The paper considers the following processes: form filling, document preparation, **document** scanning, **document identification**, image registration and data extraction.

...Identifiers: **image scanners**; ...
... **document identification**;

13/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5595570 INSPEC Abstract Number: A9713-4230-037, B9707-6140C-305,
C9707-1250-132

Title: Optical processing for security and anticounterfeiting

Author(s): Horner, J.L.

Author Affiliation: USAF Rome Lab., Hanscom AFB, MA, USA

Conference Title: Conference Proceedings. LEOS '96 9th Annual Meeting.
IEEE Lasers and Electro-Optics Society 1996 Annual Meeting (Cat.
No.96CH35895) Part vol.1 p.228-9 vol.1

Publisher: IEEE, New York, NY, USA

Publication Date: 1996 Country of Publication: USA 2 vol.
(xviii+400+xx+438) pp.

ISBN: 0 7803 3160 5 Material Identity Number: XX96-03680

Conference Title: Conference Proceedings LEOS'96 9th Annual Meeting IEEE
Lasers and Electro-Optics Society

Conference Date: 18-19 Nov. 1996 Conference Location: Boston, MA, USA

Language: English

Subfile: A B C

Copyright 1997, IEE

Abstract: A system to thwart counterfeiting and copying of **documents**, **ID 's**, **passports**, etc, is proposed, together with an optoelectronic system for rapidly and relatively inexpensively verifying the...

... scatters the light into a random pattern. This eliminates such devices as CCD detectors, computer **scanners**, and **photo**-sensitive detectors. Only an optical interferometer could be used to read and copy the phase...

...Identifiers: **passports**;

13/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5017687 INSPEC Abstract Number: C9509-5260B-204

Title: Measuring document image skew and orientation

Author(s): Bloomberg, D.S.; Kopec, G.E.; Dasari, L.

Author Affiliation: Xerox Palo Alto Res. Center, CA, USA

Journal: Proceedings of the SPIE - The International Society for Optical
Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)
vol.2422 p.302-16

Publication Date: 1995 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

U.S. Copyright Clearance Center Code: 0 8194 1769 6/95/\$6.00

Conference Title: Document Recognition II

Search Report from Ginger R. DeMille

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol
Conference Date: 6-7 Feb. 1995 Conference Location: San Jose, CA, USA
Language: English
Subfile: C
Copyright 1995, IEE

Abstract: Several approaches have previously been taken for **identifying document** image skew. At issue are efficiency, accuracy, and robustness. We work directly with the image...
...Descriptors: **image scanners** ;

13/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4945661 INSPEC Abstract Number: C9506-0230-021
Title: Forgery and tamper-proof identification document
Author(s): Chow, S.; Serinken, N.; Shlien, S.
Author Affiliation: Communications Res. Centre, Ottawa, Ont., Canada
p.11-14
Editor(s): Sanson, L.D.
Publisher: IEEE, New York, NY, USA
Publication Date: 1993 Country of Publication: USA xi+268 pp.
ISBN: 0 7803 1479 4
U.S. Copyright Clearance Center Code: CH3372-0/93/\$3.00
Conference Title: Proceedings of IEEE International Carnahan Conference on Security Technology
Conference Sponsor: IEEE Lexington Sect.; IEEE Aerosp. & Electron. Syst. Soc.; G. Levett & Associates; IEEE Ottawa Sect.; Georgia Tech. Res. Inst.; Chung Shan Inst. Sci. & Technol.; Nat. Chiao-Tung Univ
Conference Date: 13-15 Oct. 1993 Conference Location: Ottawa, Ont., Canada
Language: English
Subfile: C
Copyright 1995, IEE

Title: Forgery and tamper-proof identification document
Abstract: A novel technique for protecting **identification documents** (**ID**) against forgery and tampering is described. A security seal is printed beside the photograph on the face of the **ID card** . The security seal has the dimensions of a postage stamp and contains encrypted information derived from the photograph as well as alphanumeric information normally found on an **ID card** . It is used to verify the legitimacy of the **ID card** . The verification station consists of a scanner interfaced to a personal computer. During the verification process, the card is placed on the **scanner** , which transfers a digital representation of the card **image** to the computer. The information within the security seal is extracted and decoded using the...
Identifiers: tamper-proof **identification document** ; ...

... **ID card** ;

13/3,K/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03875771 INSPEC Abstract Number: B91033607
Title: Progressive color block coding of bilevel scanned documents
Author(s): Algazi, V.R.; Estes, R.R.; Ford, G.E.; Kelly, P.L.

Search Report from Ginger R. DeMille

Author Affiliation: California Univ., Davis, CA, USA
Conference Title: ICASSP 90. 1990 International Conference on Acoustics,
Speech and Signal Processing. (Cat. No.90CH2847-2) p.2221-4 vol.4
Publisher: IEEE, New York, NY, USA
Publication Date: 1990 Country of Publication: USA 5 vol. 2970 pp.
U.S. Copyright Clearance Center Code: CH2847-2/90/0000-2221\$01.00
Conference Sponsor: IEEE
Conference Date: 3-6 April 1990 Conference Location: Albuquerque, NM,
USA
Language: English
Subfile: B

...Abstract: A progressive code that first generates a color block image
that may be useful for **identification** of the **document** is proposed.
Progression in quality corresponds to 100 dpi binary images, 100 dpi gray
scale...

...Descriptors: **image scanners** ;

13/3,K/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03821699 INSPEC Abstract Number: C91017683
**Title: Software for management system of inhabitant ID card
information using microfilm and microcomputer**
Author(s): Zheng Yucai; Wu Minyuan; Fang Erlun
Author Affiliation: First Res. Inst., Min. of Public Security, Beijing,
China
Conference Title: Proceedings of 1989 Carnahan Conference on Security
Technology: Crime Countermeasures (UKY BU150) p.57-60
Editor(s): De Vore, R.W.
Publisher: Univ. Kentucky, Lexington, KY, USA
Publication Date: 1989 Country of Publication: USA 99 pp.
ISBN: 0 89779 075 8
Conference Sponsor: Univ. Kentucky
Conference Date: 16-17 May 1989 Conference Location: Lexington, KY,
USA
Language: English
Subfile: C

**Title: Software for management system of inhabitant ID card
information using microfilm and microcomputer**
Abstract: In order to manage inhabitant ID card information, the
authors have introduced a set of microfilm equipment from Eastman Kodak
Co., and...

... required message from a microcomputer in two seconds or so, and then
retrieve the corresponding **picture** from a **reader** -printer within 20
seconds.

...Identifiers: inhabitant ID card information...

13/3,K/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03821695 INSPEC Abstract Number: C91018022
Title: Color video image retrieval system
Author(s): Schlisser, G.; Ulicki, E.; Kruegle, H.; Sandin, T.

Search Report from Ginger R. DeMille

Author Affiliation: Dynabyte Inc., River Vale, NJ, USA
Conference Title: Proceedings. 1988 Carnahan Conference on Security
Technology: Electronic Crime Countermeasures (UKY BU146) p.99-108
Editor(s): de Vore, R.W.
Publisher: Univ. Kentucky, Lexington, KY, USA
Publication Date: 1988 Country of Publication: USA 108 pp.
ISBN: 0 89779 071 5
Conference Sponsor: Univ. Kentucky
Conference Date: 10-12 May 1988 Conference Location: Lexington, KY,
USA
Language: English
Subfile: C

...Abstract: with a standard color CCTV camera, retrieved using a PIN number, a name, or an **ID card** and reader and displayed on a color monitor. The system can interface with most electronic card **reader** systems via a single RS232 serial line. Each **image** is uniquely identified and may be retrieved in a random access manner. Custom software permits...

...Identifiers: **ID card** ;

13/3,K/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03730270 INSPEC Abstract Number: C90063911

Title: Applications for high resolution image scanners

Author(s): Bresnick, E.A.

Author Affiliation: Eikonix Corp., Bedford, MA, USA

Conference Title: Proceedings of NCGA '88. Ninth Annual Conference and Exposition p.493-502 vol.3

Publisher: Nat. Comput. Graphics Assoc, Fairfax, VA, USA

Publication Date: 1988 Country of Publication: USA 3 vol.
(432+435+699) pp.

Conference Sponsor: Nat. Comput. Graphics Assoc

Conference Date: 20-24 March 1988 Conference Location: Anaheim, CA,
USA

Language: English

Subfile: C

Abstract: There are literally hundreds of applications for high resolution **image scanners**. These range from medical to CAD/ **CAM**, to machine vision, **remote** sensing, mapping/cartography, color and mono-chrome electronic pre-press, textile and industrial design, animation
...

13/3,K/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03265181 INSPEC Abstract Number: C89002519

Title: Compact discs replace mountains of paper

Author(s): Clarke, S.M.; Clites, L.

Author Affiliation: Handels AG, Zurich, Switzerland

Journal: Schweizerische Technische Zeitschrift vol.85, no.17 p.9-13

Publication Date: 24 Aug. 1988 Country of Publication: Switzerland

CODEN: STZTA5 ISSN: 0040-151X

Language: German

Subfile: C

Abstract: Describes several examples of the use of document **scanners** to record graphical **images** of documents for storage on compact optical write-once discs. **Document identification** methods, including magnetic disc based modification lists, are described and applications in the storage of...

13/3,K/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02896963 INSPEC Abstract Number: B87042009, C87035705

Title: An application of computer graphics and networks to anatomic model and prosthesis manufacturing

Author(s): Rhodes, M.L.; Kuo, Y.; Rothman, S.L.G.; Woznick, C.

Author Affiliation: Multi-Planar Diagnostc Imaging Inc., Torrance, CA, USA

Journal: IEEE Computer Graphics and Applications vol.7, no.2 p. 12-25

Publication Date: Feb. 1987 Country of Publication: USA

CODEN: ICGADZ ISSN: 0272-1716

U.S. Copyright Clearance Center Code: 0272-1716/87/0200-0012\$01.00

Language: English

Subfile: B C

...Abstract: local community CT scanning clinic in a cost-effective manner. Via computer communications, several hundred **remote** medical **imaging** centers can have their CT **scanners** connected online to CAD/ **CAM** facilities that one center could not support alone. The clinical course of several patients in...

13/3,K/11 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 Info. Today Inc. All rts. reserv.

00403282 95MT11-005

Picture **perfect: scanners that pack fun**

Deemer, Pete

Multimedia World , November 1, 1995 , v2 n12 p40, 1 Page(s)

ISSN: 1073-4759

Company Name: Storm Software; Logitech

Product Name: Storm Software EasyPhoto; Logitech PageScan Color

Picture **perfect: scanners that pack fun**

... users who don't have much desktop space, and notes that it handles images from **passport** size to a full sheet of paper. PageScan Color includes OCR software, but adds that...

Descriptors: **Scanner** ; **Image Processing** ; Document Management System ; Optical Character Recognition; Window Software; Hardware Review; Color

13/3,K/12 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

(c) 2002 The Gale Group. All rts. reserv.

06194002

Search Report from Ginger R. DeMille

Ricoh's In-House Venture Develops Photo ID Card Making System
JAPAN: RICOH SYSTEM FOR MAKING PHOTO ID CARD
Photo Electro News (ZCG) 11 Aug 1995 p.3
Language: ENGLISH

Ricoh's In-House Venture Develops Photo ID Card Making System
JAPAN: RICOH SYSTEM FOR MAKING PHOTO ID CARD

... in-house venture groups of Japan's Ricoh, has developed a system for producing photo ID cards. Using image compression techniques which allow 15-20 times more data to be stored than in a conventional system, an image from a scanner or its DC-1 digital camera can be stored on a PC. using Windows 3...

13/3,K/13 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

05192571
Polaroid Corp
US - POLAROID, DATACARD IN DEAL FOR PHOTO ID CARDS
Wall Street Journal Europe (WSJ) 14 July 1992 p8

US - POLAROID, DATACARD IN DEAL FOR PHOTO ID CARDS

... MA), photo equipment manufacturer, has signed a deal with DataCard (Minneapolis, MN) to market secure photo identification cards for the banking sector. Digital scanners for printing the photos and cameras will be marketed.

13/3,K/14 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

02916381
COMPARATOR ACQUIRES SMART CARD PATENTS
US - COMPARATOR ACQUIRES SMART CARD PATENTS
Automotive Electronics News (AEN) 28 August 1989 p21

Comparator Systems, has bought patents for photoelectric smart card and fingerprint identification systems, following a 2-year legal battle with the inventor. It had previously been developing...

... use will be in a computerised access control system. A card is inserted into a reader and the system shows the holder's photo and description to a computer terminal. On-line end 1989, the card system uses a scanner and a magnetically encoded identification card. It can store video information, such as fingerprints, for fraud-proof drivers' licences or credit...

13/3,K/15 (Item 4 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

00418310
NEW SECURITY MICROCHIP PASS CARD
UK - NEW SECURITY MICROCHIP PASS CARD

Search Report from Ginger R. DeMille

Observer (SO) 27 July 1986 p34
ISSN: 0029-7704

... image of head and shoulders for instant retrieval and TV monitor viewng through a compatible **reader** unit. The **image** is scrambled and programmed into the memory in a fraction of a second. Programmed cards can be issued blank or with additional details for several levels of **identification** .

Cards can be re-programmed for repeated use. Stored images cannot be retrieved if the card...

?

Search Report from Ginger R. DeMille

? show files

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200349

(c) 2003 Thomson Derwent

File 344:Chinese Patents Abs Aug 1985-2003/Mar

(c) 2003 European Patent Office

File 347:JAPIO Oct 1976-2003/Mar(Updated 030703)

(c) 2003 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2003/Jul W03

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030731,UT=20030724

(c) 2003 WIPO/Univentio

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

? ds

Set	Items	Description
S1	1875892	IMAGE OR IMAGES OR IMAGING OR IMAGERY OR PICTURE OR PICTURES OR PHOTO? ? OR PHOTO()GRAPH? OR PIX OR PIC OR PICS
S2	411047	(SCAN? OR INPUT OR INSERT?) (UNIT? ? OR DEVICE? ? OR SYSTEM? ? OR MACHINE? ? OR CONTROLL?R? ?) OR SCANNER? OR READER? OR SWIPE? OR SWIPPING?
S3	23162	PASSPORT? ? OR PASS()PORT? ? OR INTERNATIONAL(2W)(ID OR IDENTIFICATION OR LICENSE? OR VISA OR PERMIT) OR (IDENTIFICATION OR ID OR IDENTIFYING)(2N)(CARD? ? OR DOCUMENT? OR LICENSE) OR DRIVER??()LICENSE?
S4	73650	S1(10N)(MONITOR? OR WATCH? OR SURVEILLANCE? OR CAM OR VIDEO-OCAM? OR VIDEO()CAM? OR WEBCAM? OR WEB()CAM?)
S5	87335	S1(8N)S2
S6	1350	S3 AND S5
S7	99	S3(8N)S5
S8	2522	S2(10N)S4
S9	35	S8(10N)(REMOTE? OR DISTANT OR OFFSITE? OR OFF()SITE? OR (A-NOTHER OR SEPARATE)() (LOCATION OR PLACE))
S10	16	S9 NOT AD>19980801
S11	16	S9 NOT AD>980801
S12	52	S7 NOT AD>19980801
S13	52	S7 NOT AD>980801
S14	68	S10 OR S11 OR S12 OR S13
S15	68	IDPAT (sorted in duplicate/non-duplicate order)
S16	66	IDPAT (primary/non-duplicate records only)

? t16/3,k/all

16/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014776528 **Image available**

WPI Acc No: 2002-597234/200264

XRPX Acc No: N02-473538

Digitized identification card producing method involves accessing and printing merged magnetic fields produced by scanning photographed picture and card's format previously stored in computer

Patent Assignee: MAGSAKAY A G (MAGS-I)

Inventor: MAGSAKAY A G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
PH 30624	A	19970806	PH 47565	A	19931228	200264 B

Priority Applications (No Type Date): PH 47565 A 19931228

Patent Details:

Search Report from Ginger R. DeMille

Patent No Kind Lan Pg Main IPC Filing Notes
PH 30624 A 8 B23B-031/00

Abstract (Basic):

... The photographed **picture** is converted into magnetic fields using color **scanner** (11). The magnetic fields are merged with **ID cards** format and stored in computer (12). The merged magnetic fields and the format are accessed...

16/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013026401 **Image available**

WPI Acc No: 2000-198252/200018

XRPX Acc No: N00-147080

Compound electronic device connected to network, has printer which forms image of printing data, only when recognized ID code and stored ID code coincide

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11334158	A	19991207	JP 98162789	A	19980528	200018 B

Priority Applications (No Type Date): JP 98162789 A 19980528

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11334158	A		9 B41J-005/30	

...Abstract (Basic): received from a PC (11) and stored in a buffer (133).

The image of an **ID card** is read out in an **image reader** (131), and the ID code within the read-out image is recognized in an image...

16/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012857311 **Image available**

WPI Acc No: 2000-029144/200003

XRPX Acc No: N00-022168

Image processor for printer, scanner - corrects attribute of image data by various edit process based on document ID

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11296655	A	19991029	JP 9897564	A	19980409	200003 B

Priority Applications (No Type Date): JP 9897564 A 19980409

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11296655	A		13 G06T-001/00	

...Abstract (Basic): NOVELTY - The mark image included in the **image** data input from the **image input unit** (2) is decoded by the **document ID** decoder (9) to acquire a document ID. The document control unit (11) specifies the image...

Search Report from Ginger R. DeMille

...processed reliably. DESCRIPTION OF DRAWING(S) - The figure shows schematic functional block diagram of the **image** processor. (2) **Image input unit** ; (7) Operation unit; (9) **Document ID** decoder; (10) **Document** edit unit; (11) Document control unit...

16/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012698934 **Image available**

WPI Acc No: 1999-505043/199942

XRPX Acc No: N99-377851

Remote image monitoring system for intruder detection - compares edge pattern of input image with standard edge pattern for detecting abnormality

Patent Assignee: KYOCERA CORP (KYOC)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11220721	A	19990810	JP 9818796	A	19980130	199942 B

Priority Applications (No Type Date): JP 9818796 A 19980130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11220721	A		3	H04N-007/18	

...Abstract (Basic): brightness of input image. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **remote image monitoring** system. (10) **Image input device** ; (11) **Image** compressor; (12) Encoder; (14) Edge detector; (15) Standard memory; (16) Comparator...

16/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012584669 **Image available**

WPI Acc No: 1999-390776/199933

XRPX Acc No: N99-293169

Camera controller of remote monitoring system - displays synthesized image of several input images from camera, and controls camera based on user indicated point or partial image area on screen, so that input partial image is in its visual field

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11154020	A	19990608	JP 97320222	A	19971121	199933 B

Priority Applications (No Type Date): JP 97320222 A 19971121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11154020	A		6	G05D-003/12	

...Abstract (Basic): automatic control of camera. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **remote monitoring** system. (11) Display unit; (12) **Image** synthesizing unit; (13) Input unit ; (14) Camera control unit; (15) Camera...

Search Report from Ginger R. DeMille

16/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012574855 **Image available**
WPI Acc No: 1999-380962/199932
XRPX Acc No: N99-285705

ID card reader for copier for image reading - has identification device, which identifies specific ID information in received electromagnetic wave to judge operation validity of user

Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11149233	A	19990602	JP 97332283	A	19971118	199932 B

Priority Applications (No Type Date): JP 97332283 A 19971118

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11149233	A	13	G03G-021/00	

ID card reader for copier for image reading...

16/3,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012341312 **Image available**
WPI Acc No: 1999-147419/199913
XRPX Acc No: N99-107630

Ticket issuing apparatus using credit card, ID card or driver's license card - synthesizes extracted photographic image data with corresponding character codes based on predetermined layout information, and publishes ticket with synthesized image

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11010982	A	19990119	JP 97166979	A	19970624	199913 B

Priority Applications (No Type Date): JP 97166979 A 19970624

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11010982	A	5	B41J-021/00	

...Abstract (Basic): publishes the ticket with synthesized image. DETAILED DESCRIPTION - An image correction unit (103) corrects the **ID card image** input through an **input unit** (102). An extraction unit (104) acquires predetermined portion of the corrected input image including the...

16/3,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012302506 **Image available**
WPI Acc No: 1999-108612/199910

Search Report from Ginger R. DeMille

XRPX Acc No: N99-078676

ID card image reader e.g. for PC or ATM - has motor to control
feed rate and alignment of document allowing image sensor to digitise
image of document as it passes over line of focus

Patent Assignee: CYBERSCAN TECHNOLOGY INC (CYBE-N)

Inventor: DE COURSSOU T B; GATTO J

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 895181	A2	19990203	EP 98306008	A	19980728	199910 B
US 5973799	A	19991026	US 97902872	A	19970730	199952

Priority Applications (No Type Date): US 97902872 A 19970730

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 895181	A2	E	14	G06K-013/08	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

US 5973799	A			H04N-001/04	
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ID card image reader e.g. for PC or ATM...

16/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012021341 **Image available**

WPI Acc No: 1998-438251/199838

XRPX Acc No: N98-341410

Apparatus for digital recording of surfaces - has line camera scanning
surface automatically with digital line image stored in computer

Patent Assignee: INST ERDOEL & ERDGASFORSCHUNG (ERDO-N)

Inventor: GESSLER K; GOERDER J; OSCHMANN H; PERLE C; STOBBE S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19704750	A1	19980813	DE 1004750	A	19970208	199838 B

Priority Applications (No Type Date): DE 1004750 A 19970208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

DE 19704750	A1		4	G01M-011/08	
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...Abstract (Basic): using line camera image sharpness is independent of
curve radius, automatic adjustment of distance between **scanner** and
surface, two dimensional image of surface structure, digitalized
images can be filed and documented, **remote monitoring** and
evaluation possible, fast assessment even when performed manually,
using object lens changer or telescopic...

16/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

011547824 **Image available**

WPI Acc No: 1997-524305/199748

XRPX Acc No: N97-436964

Monitoring adaptor for input-output devices such as printer, facsimile,
copier - includes pair of connectors through which group of signal lines

Search Report from Ginger R. DeMille

are connected between host computer and input-output device

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9252378	A	19970922	JP 9657848	A	19960314	199748 B

Priority Applications (No Type Date): JP 9657848 A 19960314

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9252378	A	10	H04N-001/00	

...Abstract (Basic): USE/ADVANTAGE - For plotter, **image scanner**.
Monitors state of **distant** input-output device easily using
connection environment established previously...

16/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

011467705 **Image available**

WPI Acc No: 1997-445612/199741

XRPX Acc No: N97-371233

**Handwritten and printed document processor - processes document, based on
searched format control information corresponding to extracted identifier
in detected image of document stored in memory**

Patent Assignee: TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9204492	A	19970805	JP 9612082	A	19960126	199741 B

Priority Applications (No Type Date): JP 9612082 A 19960126

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9204492	A	8	G06K-009/20	

...Abstract (Basic): identifiers such as a keyword, a mark and a document
attribution information are stored. A **scanner** (3) detects the **image**
of a **document**. A **document identification** unit (7) extracts the
identifier from the detected image of the document which does not...

16/3,K/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

010064920 **Image available**

WPI Acc No: 1994-332631/199441

Related WPI Acc No: 1993-336397

XRPX Acc No: N94-261171

**Optical recognition system for character boundary identification - has
scanner digitising complex document comprising text and graphics, and
computer recognition system for separating different regions and for
identifying lines of text**

Patent Assignee: IND TECHNOLOGY RES INST (INTE-N)

Inventor: LIN Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Search Report from Ginger R. DeMille

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5357582	A	19941018	US 91720235	A	19910625	199441 B
			US 9362922	A	19930513	

Priority Applications (No Type Date): US 91720235 A 19910625; US 9362922 A 19930513

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5357582	A		13	G06K-009/36	Cont of application US 91720235
					Cont of patent US 5253305

...Abstract (Basic): connection with the digital image of a document. The table is predetermined before any digital **images** of the document are obtained, and a **scanner** forms a digital **image** representative of a **document**. An **identification** device identifies lines of text in the digital image, and a device forms a vertical...

16/3,K/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

008653255 **Image available**

WPI Acc No: 1991-157282/199122

XRPX Acc No: N91-120835

Electronic document storage and retrieval system - builds data-base entries using document identification marking and retrieval information and has image scanner

Patent Assignee: RICOH KK (RICO)

Inventor: FUEKI K

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4036840	A	19910523	DE 4036840	A	19901119	199122 B
GB 2238894	A	19910612	GB 9024814	A	19901115	199124
FR 2654854	A	19910524				199133
GB 2238894	B	19940309	GB 9024814	A	19901115	199408
US 5339412	A	19940816	US 90610573	A	19901108	199432
			US 93164883	A	19931213	
DE 4036840	C2	19970710	DE 4036840	A	19901119	199732

Priority Applications (No Type Date): JP 89301774 A 19891120

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2238894	B		3		
US 5339412	A		9		Cont of application US 90610573
DE 4036840	C2		9		

... **builds data-base entries using document identification marking and retrieval information and has image scanner**

16/3,K/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008644267 **Image available**

WPI Acc No: 1991-148297/199120

XRPX Acc No: N91-113840

Failure recovering automatic cash transaction method - optically reading

Search Report from Ginger R. DeMille

ID card, storing for each transaction card info. and input and searching from already performed transaction

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5010238	A	19910423	US 90304095	A	19900131	199120 B

Priority Applications (No Type Date): JP 8893123 A 19880415; JP 8863278 A 19880318

...Abstract (Basic): automated teller machine comprises guidance display for a transaction operation guidance etc. An optical information **reader** takes an **image** of surface information of an **identification card**. An operation inputs necessary data for a transaction operation, and designates a partic. transaction already...

16/3,K/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

008278129 **Image available**

WPI Acc No: 1990-165130/199022

XRAM Acc No: C90-071971

XRPX Acc No: N90-128209

High image quality identity card mfr. - comprises adhered supported visible and infrared light absorbing image recording layers

Patent Assignee: KONICA CORP (KONS)

Inventor: LHBAYASHI K

Number of Countries: 004 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 370367	A	19900530	EP 89121069	A	19891114	199022 B
JP 2223497	A	19900905	JP 89288256	A	19891106	199042
US 5011570	A	19910430	US 89435945	A	19891113	199119

Priority Applications (No Type Date): JP 88293977 A 19881121; JP 89288256 A 19891106

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 370367	A			

Designated States (Regional): DE GB

...Abstract (Basic): USE/ADVANTAGE - New **ID card** surface enables high **image** quality characters readable by an IR optical character **reader** (OCR) and the **photo** of a face to be obtd. New **ID cards** are more effective in preventing alterations and forgery compared to other commercial ID cards. (22pp...

16/3,K/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007991959 **Image available**

WPI Acc No: 1989-257071/198936

XRPX Acc No: N89-196083

Filing system with alternate operating modes - allows scanned images to be recorded independently or in conjunction with identification

Patent Assignee: CANON KK (CANO)

Search Report from Ginger R. DeMille

Inventor: KASHIWAGI K; OHTANI K; SUGIYAMA K
 Number of Countries: 005 Number of Patents: 005
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3905290	A	19890831	DE 3905290	A	19890221	198936 B
JP 2039373	A	19900208	JP 88190069	A	19880729	199012
US 5155341	A	19921013	US 89311282	A	19890216	199244
			US 92821889	A	19920117	
DE 3905290	C2	19931209	DE 3905290	A	19890221	199349
US 5430276	A	19950704	US 89311282	A	19890216	199532
			US 92821889	A	19920117	
			US 92880043	A	19920507	
			US 94312171	A	19940926	

Priority Applications (No Type Date): JP 88318030 A 19881216; JP 8839828 A 19880222; JP 88190069 A 19880729; JP 88315899 A 19881214

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3905290	A		39		
US 5155341	A		38	G06F-015/20	Cont of application US 89311282
DE 3905290	C2		40	G03B-027/32	
US 5430276	A		38	G06F-015/20	Cont of application US 89311282
					Div ex application US 92821889
					Div ex application US 92880043
					Div ex patent US 5155341

...Abstract (Equivalent): The **image** recording apparatus is provided with a **reader** for reading information for **identifying** an original **document**, a recording unit for recording the image of the original document on a recording medium...

16/3,K/17 (Item 17 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01332014

Transform domain use of steganographically embedded data to discern image distortion

Gebrauch von steganographisch eingebetteten Daten im Transformbereich um Bildverzerrung zu detektieren

Utilisation, dans un domaine de transformation, de donnees steganographiquement integrees pour detecter une distortion d'image

PATENT ASSIGNEE:

Digimarc Corporation, (2160504), 19801 SW 72nd Avenue, Suite 250, Tualatin, Oregon 97062, (US), (Applicant designated States: all)

INVENTOR:

Rhoads, Geoffrey B., 304 S.W. Tualatin Loop, West Linn, Oregon 97068, (US)

LEGAL REPRESENTATIVE:

Meddle, Alan Leonard et al (33761), FORRESTER & BOEHMERT, Pettenkoferstrasse 20-22, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1137251 A2 010926 (Basic)
 EP 1137251 A3 020306

APPLICATION (CC, No, Date): EP 2001107905 960507;

PRIORITY (CC, No, Date): US 436102 950508; US 508083 950727; US 512993 950809; US 534005 950925; US 637531 960425

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

Search Report from Ginger R. DeMille

EP 824821 (EP 96917808)
INTERNATIONAL PATENT CLASS: H04N-001/32; H04N-001/00
ABSTRACT WORD COUNT: 69
NOTE:

Figure number on first page: 29

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200139	692
SPEC A	(English)	200139	55094
Total word count - document A			55786
Total word count - document B			0
Total word count - documents A + B			55786

...SPECIFICATION and the central network match, in this embodiment, the network sends the OK to the **reader**, indicating a legitimate or unaltered **photo ID document**.

In another embodiment, the photograph component 1010 of the identification document 1000 may be digitized the document. Accordingly, such a document could be authenticated by placing the **photo ID document** on a **scannine system**, such as would be available at a **passport** or visa control point. The local computer, which may be provided with the universal code...

16/3,K/18 (Item 18 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS
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01205863

Initiating a link between computers based on the decoding of an address
steganographically embedded in an audio object

Verbindungsherstellung zwischen Computern beruhend auf der Dekodierung
einer steganographisch in einem Audioobjekt eingebetteten Adresse

Initialisation d'une liaison entre ordinateurs basee sur le decodage d'une
adresse enreebbee steganographiquement dans un objet audio.

PATENT ASSIGNEE:

Digimarc Corporation, (2160504), 19801 SW 72nd Avenue, Suite 250,
Tualatin, Oregon 97062, (US), (Proprietor designated states: all)

INVENTOR:

Rhoads, Geoffrey B., 304 S.W. Tualatin Loop, West Linn, Oregon 97068,
(US)

LEGAL REPRESENTATIVE:

Meddle, Alan Leonard (33761), FORRESTER & BOEHMERT, Pettenkoferstrasse
20-22, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1049320 A1 001102 (Basic)
EP 1049320 A8 010502
EP 1049320 B1 030102

APPLICATION (CC, No, Date): EP 2000116604 960507;

PRIORITY (CC, No, Date): US 436102 950508; US 508083 950727; US 512993
950809; US 534005 950925; US 637531 960425

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 824821 (EP 96917808)

INTERNATIONAL PATENT CLASS: H04N-001/32

ABSTRACT WORD COUNT: 69

NOTE:

Figure number on first page: 27

Search Report from Ginger R. DeMille

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200044	548
CLAIMS B	(English)	200301	492
CLAIMS B	(German)	200301	466
CLAIMS B	(French)	200301	557
SPEC A	(English)	200044	55094
SPEC B	(English)	200301	104797
Total word count - document A			55650
Total word count - document B			106312
Total word count - documents A + B			161962

...SPECIFICATION and the central network match, in this embodiment, the network sends the OK to the **reader** , indicating a legitimate or unaltered **photo ID document** .

In another embodiment, the photograph component 1010 of the identification document 1000 may be digitized...

...1012 appearing on the document. Accordingly, such a document could be authenticated by placing the **photo ID document** on a **scanning system** , such as would be available at a **passport** or visa control point. The local computer, which may be provided with the universal code ...

...SPECIFICATION sure to earn some reasonable fee in the commercial market. We desire to sell this **picture** and ensure that it is not used in an unauthorized or uncompensated manner. This and...first scan this into a digitized form via a normal high quality black and white **scanner** with a typical photometric spectral response curve. (It is possible to get better ultimate signal...

...12-bit grey values or 4096 allowed levels. We will call this the "original digital **image0** " realizing that this is the same as our "original signal" in the above definitions.
During...

16/3,K/19 (Item 19 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01150448

Forgery-resistant documents with images conveying secret data and related methods

Falschungssichere Dokumente mit Bildern, die geheime Daten ubertragen, sowie Verfahren dafur

Documents resistant a la contrefaçon, ayant des images qui transportent des donnees secretees, et procedes associes

PATENT ASSIGNEE:

Digimarc Corporation, (2160504), 19801 SW 72nd Avenue, Suite 250,
Tualatin, Oregon 97062, (US), (Proprietor designated states: all)

INVENTOR:

Rhoads, Geoffrey B., 304 S.W. Tualatin Loop, West Linn, OR 97068, (US)

LEGAL REPRESENTATIVE:

Meddle, Alan Leonard (33761), FORRESTER & BOEHMERT, Pettenkoferstrasse
20-22, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1003324 A2 000524 (Basic)
EP 1003324 A3 000531
EP 1003324 B1 030716

Search Report from Ginger R. DeMille

APPLICATION (CC, No, Date): EP 2000104810 960507;
PRIORITY (CC, No, Date): US 436102 950508; US 508083 950727; US 512993
950809; US 534005 950925; US 637531 960425
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; SI
RELATED PARENT NUMBER(S) - PN (AN):
EP 824821 (EP 96917808)
INTERNATIONAL PATENT CLASS: H04N-001/32
ABSTRACT WORD COUNT: 51
NOTE:

Figure number on first page: 28

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200021	1190
CLAIMS B	(English)	200329	772
CLAIMS B	(German)	200329	762
CLAIMS B	(French)	200329	807
SPEC A	(English)	200021	54939
SPEC B	(English)	200329	53722

Total word count - document A 56137

Total word count - document B 56063

Total word count - documents A + B 112200

...SPECIFICATION and the central network match, in this embodiment, the network sends the OK to the **reader**, indicating a legitimate or unaltered **photo ID document**.

In another embodiment, the photograph component 1010 of the identification document 1000 may be digitized...

...1012 appearing on the document. Accordingly, such a document could be authenticated by placing the **photo ID document** on a **scanning system**, such as would be available at a **passport** or visa control point. The local computer, which may be provided with the universal code ...

...SPECIFICATION and the central network match, in this embodiment, the network sends the OK to the **reader**, indicating a legitimate or unaltered **photo ID document**.

In another embodiment, the photograph component 1010 of the identification document 1000 may be digitized...

...1012 appearing on the document. Accordingly, such a document could be authenticated by placing the **photo ID document** on a **scanning system**, such as would be available at a **passport** or visa control point. The local computer, which may be provided

16/3,K/20 (Item 20 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01067288

LOCK AND SWITCH USING PRESSURE-TYPE FINGERPRINT SENSOR

SCHLOSS UND SCHALTER MIT DRUCKEMPFFINDLICHEM FINGERABDRUCKSENSOR

MECANISME DE VERROUILLAGE ET INTERRUPTEUR FAISANT APPEL A UN CAPTEUR
DACTYLOSCOPIQUE A PRESSION

PATENT ASSIGNEE:

ENIX CORPORATION, (1388561), 31-8, Yoyogi 4-chome, Shibuya-ku, Tokyo 151,

Search Report from Ginger R. DeMille

(JP), (Applicant designated States: all)

INVENTOR:

SAITO, Yoshihiro, Enix Corporation, 11-2, Minamikurokawa, Asou-ku,
Kawasaki-shi, Kanagawa 215, (JP)
TAMORI, Teruhiko, 9-31, Koyata 3-chome, Iruma-shi, Saitama 385, (JP)
FUJIMOTO, Yoshinari, Enix Corporation, 31-8, Yoyogi 4-chome, Shibuya-ku,
Tokyo 151, (JP)

LEGAL REPRESENTATIVE:

Schickedanz, Willi, Dipl.-Ing. (10191), Langener Strasse 68, 63073
Offenbach, (DE)

PATENT (CC, No, Kind, Date): EP 976897 A1 000202 (Basic)
WO 9934080 990708

APPLICATION (CC, No, Date): EP 97950430 971226; WO 97JP4895 971226

DESIGNATED STATES: CH; DE; FR; GB; IT; LI; NL

INTERNATIONAL PATENT CLASS: E05B-049/00; G01L-005/00

ABSTRACT WORD COUNT: 71

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200005	520
SPEC A	(English)	200005	18070
Total word count - document A			18590
Total word count - document B			0
Total word count - documents A + B			18590

...SPECIFICATION employee for instance, of a person who is authorized to enter is input into an **image reader**. The **image reader** 322 reads out **image** data from the photograph on the **ID card** (Step S101).

In the next step, the CPU 317 compares the photographic image data acquired...

16/3,K/21 (Item 21 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00958799

Integrated picture quality control environment

Integrierte Bildqualitätskontrollumgebung

Environnement integre de controle de la qualite d'image

PATENT ASSIGNEE:

Compaq Computer Corporation, (687792), 20555 S.H. 249, Houston Texas
77070, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Vaughan, Mark P., 17722 Windy Point, Spring, Texas 77379, (US)

LEGAL REPRESENTATIVE:

Brunner, Michael John et al (28871), GILL JENNINGS & EVERY Broadgate
House 7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 869676 A1 981007 (Basic)

APPLICATION (CC, No, Date): EP 98302227 980324;

PRIORITY (CC, No, Date): US 829213 970331

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-005/57

ABSTRACT WORD COUNT: 116

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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1304-Aug-0305:20 PM

Search Report from Ginger R. DeMille

CLAIMS A	(English)	9841	563
SPEC A	(English)	9841	1950
Total word count - document A			2513
Total word count - document B			0
Total word count - documents A + B			2513

...SPECIFICATION generated by one group of the display and geometry setting controls 55 at either the **monitor** 25, PC module 20 or **remote input device** 40, the **picture** signal is not altered at the site of the display and geometry setting controls, but...

16/3,K/22 (Item 22 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00952364

Digital integrated apparatus

Digital integriertes Gerat

Appareil integre digital

PATENT ASSIGNEE:

Matsushita Electric Industrial Co., Ltd., (1855505), 1006-banchi,
Oaza-Kadoma, Kadoma-shi, Osaka-fu, 571-8501, (JP), (applicant
designated states: DE;FR;GB)

INVENTOR:

Hisatomi, Kenji, 2-26-3, Yagumokitamachi, Moriguchi-shi, Osaka-fu, (JP)
Takahashi, Naoki, 5-8-308, Myokenzaka, Katano-shi, Osaka-fu, (JP)
Kuwano, Hideyuki, 4-36-107, Sengokunishimachi, Kadoma-shi, Osaka-fu, (JP)
Yamaguchi, Takehito, 2-22-516, Takatsuka-cho, Hirakata-shi, Osaka-fu,
(JP)

Okada, Yuji, 15-3-202, Gotenyama-chu, Hirakata-shi, Osaka-fu, (JP)

Murata, Kazuyuki, 2-15-10, Kasumizaka, Kyontanaba-shi, Kyoto-fu, (JP)

LEGAL REPRESENTATIVE:

Dempster, Benjamin John Naftel et al (62251), Withers & Rogers, Goldings
House, 2 Hays Lane, London SE1 2HW, (GB)

PATENT (CC, No, Kind, Date): EP 863658 A2 980909 (Basic)
EP 863658 A3 981104

APPLICATION (CC, No, Date): EP 98301468 980227;

PRIORITY (CC, No, Date): JP 4999397 970305; JP 4998997 970305; JP 4999097
970305; JP 4999297 970305; JP 5133697 970306

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-001/21

ABSTRACT WORD COUNT: 148

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9837	1636
SPEC A	(English)	9837	14912
Total word count - document A			16548
Total word count - document B			0
Total word count - documents A + B			16548

...SPECIFICATION a digital integrated apparatus having a filing function, the barcode corresponding to the address or **ID** **identifying** a **document** is combined in a documentary **image** and this barcode is read by a barcode **reader** for taking out the **image** data from the file.

Therefore, this method requires a separate barcode reader and increases cost...any particular operation for filing of original image. The position on the form of this **document** **ID** mark is determined

automatically.

Moreover, with a **scanner unit** that reads documentary **image** with **document ID** mark, the user can easily take out the whole of the original documentary image data...

...placing a plural number of originals with document mark on ADF.

Still more, with a **scanner unit** that reads **image** with **document ID** mark, it becomes possible to transmit stored original documentary image data by facsimile easily. And...

...easily and can also perform moving & copying of a plural number of documents by having **images** with **document ID** mark read by a **scanner unit**. It can further perform control of documentary **image** data moved to a removable medium.

Moreover, this digital integrated apparatus improves operability because, when...are the same as those for above.

In this way, by reading said original with **document ID** mark by means of said **image scanner unit A**, it becomes possible to take out (print) all pages of stored documentary image data...movement & copying of a plural number of documentary image data at a time by having **images** with **document ID** mark read by the **scanner unit**. In addition, control of documentary **image** file moved to a removable medium is also possible.

(Taking out file document from removable...

16/3,K/23 (Item 23 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00833565

Keying system and composite image producing method

Einblendungsvorrichtung und -verfahren zum Erzeugen zusammengesetzter Bilder

Systeme d'incrustation et methode de production d'images composees

PATENT ASSIGNEE:

Kabushiki Kaisha Photron, (1529481), 9-8, Shibuya 1-chome, Shibuya-ku, Tokyo, (JP), (applicant designated states: BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)

INVENTOR:

Mitsui, Kenji, 8-29-2, Kounandai, Kounan-Ku, Yokohama-shi, Kanagawa-ken, (JP)

Sako, Yoshitomo, 1-18-27, Sasanodai, Asahi-Ku, Yokohama-shi, Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Klunker . Schmitt-Nilson . Hirsch (101001), Winzererstrasse 106, 80797 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 772350 A2 970507 (Basic)
EP 772350 A3 970723

APPLICATION (CC, No, Date): EP 96117366 961029;

PRIORITY (CC, No, Date): JP 9511490 951030; JP 9644793 960301; JP 96125484 960521

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04N-005/272; H04N-009/75;

ABSTRACT WORD COUNT: 111

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

Search Report from Ginger R. DeMille

CLAIMS A (English) EPAB97 2482
SPEC A (English) EPAB97 11588
Total word count - document A 14070
Total word count - document B 0
Total word count - documents A + B 14070

...SPECIFICATION taking angle and the image-taking position of the camera 2a) can be operated by **remote** control while observing the **image** displayed on the screen of this **monitor** of the **input unit** 17, which is actually taken by the camera 2a. Thus, it is very convenient to...

16/3,K/24 (Item 24 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00820825

Steganographical embedding of auxiliary data and calibration data in image data

Steganographisches Einbetten von Zusatzdaten und Kalibrierdaten in Bilddaten

Incrustation par steganographie de donnees auxiliaires et de donnees de calibration dans des donnees d'image

PATENT ASSIGNEE:

Digimarc Corporation, (2160504), 19801 SW 72nd Avenue, Suite 250,
Tualatin, Oregon 97062, (US), (Proprietor designated states: all)

INVENTOR:

RHOADS, Geoffrey, B., 304 S.W. Tualatin Loop, West Linn, OR 97068, (US)

LEGAL REPRESENTATIVE:

Meddle, Alan Leonard et al (33761), FORRESTER & BOEHMERT,
Pettenkoferstrasse 20-22, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 824821 A2 980225 (Basic)
EP 824821 B1 020417
WO 9636163 961114

APPLICATION (CC, No, Date): EP 96917808 960507; WO 96US6618 960507

PRIORITY (CC, No, Date): US 436102 950508; US 508083 950727; US 512993
950809; US 534005 950925; US 637531 960425

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1003324 (EP 2000104810)

EP 1049320 (EP 2000116604)

EP 1137251 (EP 2001107905)

INTERNATIONAL PATENT CLASS: H04N-001/32

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200216	636
CLAIMS B	(German)	200216	579
CLAIMS B	(French)	200216	704
SPEC B	(English)	200216	53850
Total word count - document A			0
Total word count - document B			55769
Total word count - documents A + B			55769

...SPECIFICATION and the central network match, in this embodiment, the network sends the OK to the **reader**, indicating a legitimate or unaltered **photo ID document**.

Search Report from Ginger R. DeMille

In another embodiment, the photograph component 1010 of the identification document 1000 may be digitized...1012 appearing on the document. Accordingly, such a document could be authenticated by placing the **photo ID document** on a **scanning system**, such as would be available at a **passport** or visa control point. The local computer, which may be provided with the universal code...

16/3,K/25 (Item 25 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00789248

Apparatus and method of controlling interposition of sheets in a stream of imaged substrates

Vorrichtung und Verfahren zum Einfugen von Papierblättern in eine Folge von kopierten Blättern

Appareil et procede pour controler l'insertion de feuilles dans un flot de feuilles d'impression

PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, Rochester, New York 14644,
(US), (Proprietor designated states: all)

INVENTOR:

Soler, Jose J., 112 Chatworth Circle S, Fairport, NY 14450, (US)

Roscoe, Gary W., 163 West Avenue, Fairport, NY 14450, (US)

Moore, Kenneth P., 111 Walbert Drive, Rochester, NY 14624, (US)

Miller, Donald L., 59 Maple Leaf Circle, Penfield, NY 14526, (US)

Eisemann, Richard E., 29 Carlsam Circle East, Rochester, NY 14609, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 735431 A1 961002 (Basic)
EP 735431 B1 020710

APPLICATION (CC, No, Date): EP 96302102 960327;

PRIORITY (CC, No, Date): US 411174 950327

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G03G-015/00

ABSTRACT WORD COUNT: 161

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200228	1567
CLAIMS B	(German)	200228	1606
CLAIMS B	(French)	200228	1703
SPEC B	(English)	200228	5952
Total word count - document A			0
Total word count - document B			10828
Total word count - documents A + B			10828

...SPECIFICATION from one or more remote sources, to be input to system 2 for processing. Other **remote** sources of **image** data, such as streaming tape, floppy disk, **video camera**, etc. may be envisioned.

Referring particularly to Figures 2-4, **scanner** section 6 incorporates a transparent platen 20 on which the document 22 to be scanned...

16/3,K/26 (Item 26 from file: 348)

Search Report from Ginger R. DeMille

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00782411

Identification card verification system and method

System und Verfahren zum Prüfen von Identifizierungskarten

Systeme et methode de verification de cartes d'identification

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,
(US), (Applicant designated States: all)

INVENTOR:

Kristol, David M., 3 Linden Place, Summit, New Jersey 07901, (US)
O'Gorman, Lawrence P., 18 Albright Circle, Madison, New Jersey 07940,
(US)

LEGAL REPRESENTATIVE:

Buckley, Christopher Simon Thirsk et al (28912), Lucent Technologies (UK)
Ltd, 5 Mornington Road, Woodford Green, Essex IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 730243 A2 960904 (Basic)

EP 730243 A3 000802

APPLICATION (CC, No, Date): EP 96301301 960227;

PRIORITY (CC, No, Date): US 396307 950228

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06K-007/10; G07F-007/08; G07C-009/00

ABSTRACT WORD COUNT: 220

NOTE:

Figure number on first page: 1A

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1491
SPEC A	(English)	EPAB96	4087
Total word count - document A			5578
Total word count - document B			0
Total word count - documents A + B			5578

...SPECIFICATION and a computer to a data base which contains image signatures. Optical values from the **identification card** are read by a **scanner**, transmitted to the computer which calculates and **image** signature, and compares it to the image signature in the data base associated with the...Since the card is self-verifying, a standalone embodiment of the invention needs only an **identification card** with an **image** area and **image** signature, a **scanner** which reads the optical value of a gray scale or color image in at least...computing means 320 which contains an algorithm which operates upon the optical values from the **image** area read by the **scanner** and compares these data to an **image** signature, associated with the **identification card**, which is stored in data base 330. The steps to create the image signature have...The previously described embodiments of the invention provide advantages including methods and networks wherein an **identification card** is accepted by a broad variety of **scanners** and one which is compatible with a many **picture** based **identification cards** as they are renewed. The card and the verification process are insensitive to noise. The...

16/3,K/27 (Item 27 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00782410

Self-verifying identification card
Selbstprufende Identifizierungskarte
Carte d'identification avec auto-verification

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,
(US), (applicant designated states: DE;FR;GB)

INVENTOR:

Kristol, David Morris, 3 Linden Place, Summit, New Jersey 07901, (US)
O'Gorman, Lawrence Patrick, 18 Albright Circle, Madison, New Jersey 07940
, (US)

LEGAL REPRESENTATIVE:

Buckley, Christopher Simon Thirsk et al (28912), Lucent Technologies, 5
Mornington Road, Woodford Green, Essex IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 730242 A2 960904 (Basic)

APPLICATION (CC, No, Date): EP 96301300 960227;

PRIORITY (CC, No, Date): US 395547 950228

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06K-007/10;

ABSTRACT WORD COUNT: 220

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	540
SPEC A	(English)	EPAB96	2325
Total word count - document A			2865
Total word count - document B			0
Total word count - documents A + B			2865

...SPECIFICATION of security.

The previously described embodiments of the invention provide advantages including a self-verifying identification card which is accepted by a broad variety of **scanners** and one which is compatible with a many **picture based identification cards** as they are renewed. The card and the verification process are insensitive to noise. The...

16/3,K/28 (Item 28 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00780587

Method and apparatus for image based validations of printed documents
Vorrichtung und Verfahren zum Prüfen von Druckschriften mittels ihrer
Muster

Methode et dispositif pour la validation de documents imprimés à partir de
leur image

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York
14650-2201, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Ray, Lawrence A., c/o Eastman Kodak Company, Patent Legal Staff, 343
State Street, Rochester, New York 14650-2201, (US)
Ellson, Richard N., c/o Eastman Kodak Company, Patent Legal Staff, 343
State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Schmidt, Peter, Dipl.-Ing. et al (50043), KODAK Aktiengesellschaft
Patentabteilung, 70323 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 729120 A2 960828 (Basic)

Search Report from Ginger R. DeMille

EP 729120 A3 961227
APPLICATION (CC, No, Date): EP 96102382 960216;
PRIORITY (CC, No, Date): US 392713 950223
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G07D-007/00; G07F-007/12;
ABSTRACT WORD COUNT: 169

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	846
SPEC A	(English)	EPAB96	4388
Total word count - document A			5234
Total word count - document B			0
Total word count - documents A + B			5234

...SPECIFICATION List:

10	Printed document
12	Bar code
14	Document Sequence Number
16	MICR line
18	Document identification data
20	Image data
22	Printed document reader
24	Local data storage
26	Document site processor
28	Digital image
30	Visual display device...

16/3,K/29 (Item 29 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00713830

Disk carrier, and method and apparatus for monitoring and status labeling
such disk carriers

Plattenträger, und Verfahren und Gerät zur Überwachung und
Zustandskennzeichnung von solchen Plattenträgern

Porte-disques, et procede et appareil de surveillance et de marquage d'etat
de tels porte-disques

PATENT ASSIGNEE:

FLUOROWARE, INC., (988830), 102 Jonathan Boulevard North, Chaska, MN
55318, (US), (Proprietor designated states: all)

INVENTOR:

Cheesebrow, Nicholas T., 670 Selby Avenue, St. Paul, Minnesota, 55102,
(US)

Kos, Robert D., 8140 Trillium Circle, Victoria, Minnesota, 55386, (US)

Eggum, Shawn D., 1458 82nd Street, Victoria, Minnesota 55386, (US)

Williams, Randy S., 618 Dreesden Circle, Chaska, Minnesota, 55318, (US)

LEGAL REPRESENTATIVE:

Rinuy, Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris,
(FR)

PATENT (CC, No, Kind, Date): EP 676711 A2 951011 (Basic)
EP 676711 A3 951227
EP 676711 B1 010822

APPLICATION (CC, No, Date): EP 94402098 940921;

PRIORITY (CC, No, Date): US 225228 940408

DESIGNATED STATES: BE; DE; DK; ES; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: G06K-007/10

Search Report from Ginger R. DeMille

ABSTRACT WORD COUNT: 252

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	449
CLAIMS B	(English)	200134	615
CLAIMS B	(German)	200134	668
CLAIMS B	(French)	200134	695
SPEC A	(English)	EPAB95	1888
SPEC B	(English)	200134	1669
Total word count - document A			2337
Total word count - document B			3647
Total word count - documents A + B			5984

...ABSTRACT that a batch has been through a particular processing stage.

Carrier identification information from the **reader** units also is stored and updated **remotely** to **monitor** the progress of batches through processing operations. (see **image** in original document)

16/3,K/30 (Item 30 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00621756

Method for compiling multiple jobs with job reference sheets

Verfahren zum Zusammenfugen vielfaltiger Aufgaben mit
Aufgabenbezugsblattern

Methode pour la compilation de travaux multiples avec les feuilles de
travail de reference

PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, Rochester, New York 14644,
(US), (Proprietor designated states: all)

INVENTOR:

Hube, Randall R., 15 Cardogan Square, Rochester, New York 14625, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 606131 A1 940713 (Basic)
EP 606131 B1 030102

APPLICATION (CC, No, Date): EP 94300006 940104;

PRIORITY (CC, No, Date): US 165 930104

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-001/32

ABSTRACT WORD COUNT: 162

NOTE:

Figure number on first page: 12 8

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	604
CLAIMS B	(English)	200301	746
CLAIMS B	(German)	200301	741
CLAIMS B	(French)	200301	1367
SPEC A	(English)	EPABF2	4907
SPEC B	(English)	200301	6704
Total word count - document A			5512

Search Report from Ginger R. DeMille

Total word count - document B 9558
Total word count - documents A + B 15070

...SPECIFICATION from one or more remote sources to be input to system 2 for processing. Other **remote** sources of **image** data such as streaming tape, floppy disk, **video camera**, etc. may be envisioned.

For on-site **image** input, section 4 has a document **scanner** section 6 with a Universal Document Handler (UDH) 35 for the purpose of automatically and...

...SPECIFICATION from one or more remote sources to be input to system 2 for processing. Other **remote** sources of **image** data such as streaming tape, floppy disk, **video camera**, etc. may be envisioned.

For on-site **image** input, section 4 has a document **scanner** section 6 with a Universal Document Handler (UDH) 35 for the purpose of automatically and...

16/3,K/31 (Item 31 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00474063

Color image processing apparatus

Farbbildverarbeitungsgerat

Appareil de traitement d'images en couleurs

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Usami, Akihiro, c/o Canon K.K., 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo 146, (JP)

LEGAL REPRESENTATIVE:

Pellmann, Hans-Bernd, Dipl.-Ing. (9227), Patentanwaltsburo

Tiedtke-Buhling-Kinne & Partner Bavariaring 4, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 488176 A2 920603 (Basic)

EP 488176 A3 920930

EP 488176 B1 990303

APPLICATION (CC, No, Date): EP 91120195 911126;

PRIORITY (CC, No, Date): JP 90326457 901127; JP 91307799 911122

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-001/46; H04N-001/40;

ABSTRACT WORD COUNT: 52

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9909	535
CLAIMS B	(German)	9909	425
CLAIMS B	(French)	9909	658
SPEC B	(English)	9909	3011
Total word count - document A			0
Total word count - document B			4629
Total word count - documents A + B			4629

...SPECIFICATION example, there are many types of images including a CG (computer graphic) image, an input **image** from an **image reader**, an input **image** from a **video camera** or an SV (still **video**) **camera**, an input **image** from a film **scanner**, a synthesized **image** by **remote** sensing, and the like. Therefore, a user cannot determine color

correction processing to be selected...

16/3,K/32 (Item 32 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00465664

Image positioning method.

Verfahren zur Bildlagebestimmung.

Procede de positionnement d'images.

PATENT ASSIGNEE:

YOZAN INC., (1218671), 3-5-18, Kitazawa, Setagaya-ku, Tokyo 155, (JP),
(applicant designated states: BE;DE;FR;GB;IT;NL;SE)

INVENTOR:

Yamamoto, Makoto, C/O Yozan INC., 3-5-18 Kitazawa, Setagaya-ku, Tokyo 155
, (JP)

LEGAL REPRESENTATIVE:

Patentanwalte Grunecker, Kinkeldey, Stockmair & Partner (100721),
Maximilianstrasse 58, D-80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 466161 A2 920115 (Basic)
EP 466161 A3 930512

APPLICATION (CC, No, Date): EP 91111583 910711;

PRIORITY (CC, No, Date): JP 90184777 900712

DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: G06K-009/46; A61B-005/117;

ABSTRACT WORD COUNT: 147

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	138
SPEC A	(English)	EPABF1	3834
Total word count - document A			3972
Total word count - document B			0
Total word count - documents A + B			3972

...SPECIFICATION the fingerprint is inputted to the CCD camera as dark lines.

Comparison system 20 comprises **image** processing portion 21 and card **reader** 22. Inserting **ID card** 23 into card reader 22 by the one to be examined, master data is read...

16/3,K/33 (Item 33 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00465251

Image comparison method.

Bildvergleichsverfahren.

Procede de comparaison d'images.

PATENT ASSIGNEE:

EZEL INC., (934391), 3-5-18, Kitazawa, Setagaya-ku Tokio 155, (JP),
(applicant designated states: BE;DE;FR;GB;IT;NL;SE)

SHARP CORPORATION, (260711), 22-22, Nagaike-cho Abeno-ku, Osaka 545, (JP)
, (applicant designated states: BE;DE;FR;GB;IT;NL;SE)

INVENTOR:

Kumagai, Ryohei, c/o Ezel Inc., 2-22-2, Koishikawa, Bunkyo-ku Tokyo 112,
(JP)

LEGAL REPRESENTATIVE:

Search Report from Ginger R. DeMille

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)
, Maximilianstrasse 58, D-80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 466039 A2 920115 (Basic)
EP 466039 A3 930512
APPLICATION (CC, No, Date): EP 91111153 910704;
PRIORITY (CC, No, Date): JP 90177791 900705
DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE
INTERNATIONAL PATENT CLASS: G06K-009/46; A61B-005/117;
ABSTRACT WORD COUNT: 104

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	503
SPEC A	(English)	EPABF1	3154
Total word count - document A			3657
Total word count - document B			0
Total word count - documents A + B			3657

...SPECIFICATION the fingerprint is inputted to the CCD camera as dark lines.

Comparison system 20 comprises **image** processing portion 21 and card **reader** 22. Inserting **ID card** 23 into card reader 22 by the one to be examined, master data is read...

16/3,K/34 (Item 34 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00332505

DOCUMENT PROCESSING SYSTEM.

DOKUMENTENVERARBEITUNGSANORDNUNG.

SYSTEME DE TRAITEMENT DE DOCUMENTS.

PATENT ASSIGNEE:

HONDA GIKEN KOGYO KABUSHIKI KAISHA, (237837), 1-1; 2-chome Minami-Aoyama,
Minato-ku Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

MIYOSHI, Akito, 244-14, Kamihiroya Tsurugashima-machi, Iruma-gun Saitama
350-02, (JP)

TERAI, Hiromitsu, 2898-13-206, Ishii, Sakado-shi Saitama 350-02, (JP)

LEGAL REPRESENTATIVE:

Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann, Eitle & Partner,
Patentanwalte, Postfach 81 04 20, D-81904 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 328684 A1 890823 (Basic)
EP 328684 A1 900214
EP 328684 B1 940518
WO 8902116 890309

APPLICATION (CC, No, Date): EP 88907362 880817; WO 88JP810 880817

PRIORITY (CC, No, Date): JP 87216231 870828; JP 87258292 871015

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/20; G06F-015/40;

ABSTRACT WORD COUNT: 159

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	477
CLAIMS B	(German)	EPBBF1	406
CLAIMS B	(French)	EPBBF1	571
SPEC B	(English)	EPBBF1	18449

Search Report from Ginger R. DeMille

Total word count - document A 0
Total word count - document B 19903
Total word count - documents A + B 19903

...SPECIFICATION merely an identification code of the layout data. The layout code is converted into a **document identification** number and a page number **which** correspond to the identification data of the new book, as will be described later in...

16/3,K/35 (Item 35 from file: 347)

DIALOG(R)File 347:JAPIO

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06450473 **Image available**

METHOD AND DEVICE FOR RECOGNIZING AND COLLATING PATTERN

PUB. NO.: 2000-036045 [JP 2000036045 A]
PUBLISHED: February 02, 2000 (20000202)
INVENTOR(s): NAGAO KENJI
SOMA MASAYOSHI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 10-201573 [JP 98201573]
FILED: July 16, 1998 (19980716)

ABSTRACT

...a feature amount extracted from an input pattern and a preserved feature amount.

SOLUTION: An **identification card** face **image** is fetched from an **image scanner** similarly to the case of a teaching **image** input, a feature vector fBli is calculated by using a feature extraction matrix Fi for...

16/3,K/36 (Item 36 from file: 347)

DIALOG(R)File 347:JAPIO

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06444496 **Image available**

METHOD AND DEVICE FOR COLLATING FACE IMAGE

PUB. NO.: 2000-030066 [JP 2000030066 A]
PUBLISHED: January 28, 2000 (20000128)
INVENTOR(s): SOMA MASAYOSHI
NAGAO KENJI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 10-199996 [JP 98199996]
FILED: July 15, 1998 (19980715)

ABSTRACT

...101 is stored in an image memory 103 through I/F 115 and a face **image** B obtained by an **image scanner** 102 from the **ID card** photograph of the person is stored in an image memory 104 through I/F 116...

16/3,K/37 (Item 37 from file: 347)

DIALOG(R)File 347:JAPIO

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06364723 **Image available**

Search Report from Ginger R. DeMille

PICTURE INPUT DEVICE

PUB. NO.: 11-306333 [JP 11306333 A]
PUBLISHED: November 05, 1999 (19991105)
INVENTOR(s): YAMADA KATSUO
MISHIMA FUMIO
APPLICANT(s): MEC KK
APPL. NO.: 10-143565 [JP 98143565]
FILED: April 17, 1998 (19980417)

ABSTRACT

... not only records the image of paper money but also stores the images of a **passport** and a face.

SOLUTION: This **picture input device** has combined functions of a **picture** detection means which moves an inspection sample at a fixed speed to pick up its...

16/3,K/38 (Item 38 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06331261 **Image available**

PATTERN RECOGNIZING METHOD, ITS DEVICE, AND PATTERN COLLATING METHOD AND ITS DEVICE

PUB. NO.: 11-272862 [JP 11272862 A]
PUBLISHED: October 08, 1999 (19991008)
INVENTOR(s): NAGAO KENJI
SOMA MASAYOSHI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 10-070143 [JP 9870143]
FILED: March 19, 1998 (19980319)

ABSTRACT

... an I/F 12 and also, a facial image for identification is acquired from the **image picture** of his **identification card** by an **image scanner** 2 and is stored in an **image** memory B4. And, a CPU 6 converts the facial image data stored in each memory...

16/3,K/39 (Item 39 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06059578 **Image available**

CARD, CARD FORMING DEVICE, AND CARD VERIFYING DEVICE

PUB. NO.: 11-001081 [JP 11001081 A]
PUBLISHED: January 06, 1999 (19990106)
INVENTOR(s): IWAMOTO KEIJI
NIIHORI EIJI
APPLICANT(s): DAINIPPON PRINTING CO LTD
APPL. NO.: 09-293799 [JP 97293799]
FILED: October 27, 1997 (19971027)
PRIORITY: 09101459 [JP 979101459], JP (Japan), April 18, 1997
(19970418)

ABSTRACT

...is inserted into an ID card reading device (step 701), a face photograph

Search Report from Ginger R. DeMille

of the **ID card** is read by a **scanner** to obtain a digital **image** (step 702). When personal information and manufacturer information can be obtained from the read digital... ,

16/3,K/40 (Item 40 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

06018934 **Image available**

AUTHENTICATION SYSTEM, CARD ISSUING DEVICE, AUTHENTICATION DEVICE, CARD FOR AUTHENTICATION AND AUTHENTICATION METHOD

PUB. NO.: 10-302034 [JP 10302034 A]

PUBLISHED: November 13, 1998 (19981113)

INVENTOR(s): ARAKAWA HIROKI

IWAMOTO HIROKI

APPLICANT(s): N T T DATA KK [000000] (A Japanese Company or Corporation),
JP (Japan)

APPL. NO.: 09-107101 [JP 97107101]

FILED: April 24, 1997 (19970424)

ABSTRACT

...SOLUTION: The image read part 31 of an **ID card** authentication device 13 is constituted of an **image scanner** or the like for instance, reads a photograph (**image**) stuck to the photograph sticking part of an **ID card** and obtains **image** data. A card **reader** /writer 33 writes the data to a magnetic stripe or reads the data stored on...

16/3,K/41 (Item 41 from file: 347)

DIALOG(R)File 347:JAPIO

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05971849 **Image available**

AUTOMATIC UNMANNED CONTRACT RECEPTION SYSTEM

PUB. NO.: 10-254949 [JP 10254949 A]

PUBLISHED: September 25, 1998 (19980925)

INVENTOR(s): MOGI MASATOSHI

APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-056434 [JP 9756434]

FILED: March 11, 1997 (19970311)

ABSTRACT

...SOLUTION: On the side of unmanned contract machine 1, an **image input device** 3 acquires the **image** data of application form and various **identification cards** and stores them in a temporary storage part. First of all, only the image data...

... of the temporary storage device and successively transmitted to the center terminal 2 by the **image input device** 3. At the center terminal 2, the **image** data of media such as various **identification cards** except for the application form are successively received and outputted. Then, the operator proceeds the...

16/3,K/42 (Item 42 from file: 347)

DIALOG(R)File 347:JAPIO

Search Report from Ginger R. DeMille

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05583738 **Image available**
ENTRANCE AND EXIT MANAGEMENT TERMINAL EQUIPMENT

PUB. NO.: 09-198538 [JP 9198538 A]
PUBLISHED: July 31, 1997 (19970731)
INVENTOR(s): YUI SHUNJIRO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company
 or Corporation), JP (Japan)
APPL. NO.: 08-009179 [JP 969179]
FILED: January 23, 1996 (19960123)

ABSTRACT

... an identification number or the like. When the visitor performs the input operation of the **ID card** to a card **reader** part 3, a memory controller 9 writes **image** information photographed by a CCD camera part 1 in a memory 10, the image information...

16/3,K/43 (Item 43 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05400926 **Image available**
OVERHEAD PROJECTOR

PUB. NO.: 09-015726 [JP 9015726 A]
PUBLISHED: January 17, 1997 (19970117)
INVENTOR(s): ITO AKIHIRO
 KITANO KAZUHIKO
 KUDO TAKAYOSHI
 CHIBA KATSUICHI
APPLICANT(s): TOHOKU RICOH CO LTD [416866] (A Japanese Company or
 Corporation), JP (Japan)
APPL. NO.: 07-165750 [JP 95165750]
FILED: June 30, 1995 (19950630)

ABSTRACT

... colorless transparent liquid is splashed from an ink jet head 13 in accordance with the **image** data inputted to an **image** data **input device** 15 from a floppy disk(FD) or an **ID card** to form the image on the colorless drawing paper 10. The driving of the motor...

16/3,K/44 (Item 44 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05319766 **Image available**
REMOTE CONTROL SYSTEM AND REMOTE CONTROL METHOD

PUB. NO.: 08-275266 [JP 8275266 A]
PUBLISHED: October 18, 1996 (19961018)
INVENTOR(s): HAMADA TETSUYA
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 08-034190 [JP 9634190]
FILED: January 30, 1996 (19960130)

ABSTRACT

2804-Aug-0305:20 PM

Search Report from Ginger R. DeMille

...CONSTITUTION: The remote control system is disclosed, which is made up of plural **remote** controllers 101, 102, 103, an **image input device** 104, a **monitor** section 105 and a controlled device such as a recorder 106 and a computer 107...

16/3,K/45 (Item 45 from file: 347)

DIALOG(R)File 347:JAPIO

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05075054 **Image available**

METHOD FOR MANAGING PICTURE DISPLAY SECURITY BY PICTURE ATTRIBUTE AND INFORMATION PROCESSING SYSTEM FOR ATTAINING THE METHOD

PUB. NO.: 08-030554 [JP 8030554 A]

PUBLISHED: February 02, 1996 (19960202)

INVENTOR(s): TSUCHIYA KOICHI

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 06-161452 [JP 94161452]

FILED: July 13, 1994 (19940713)

ABSTRACT

... the pictures 302, 303 are accessed from a terminal 100 executing log ON through an **ID card reader** 102, both the **pictures** 302, 303 can be displayed. When the pictures 302, 303 are accessed from a terminal...

16/3,K/46 (Item 46 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

04806024 **Image available**

DATA INPUT SYSTEM

PUB. NO.: 07-098624 [JP 7098624 A]

PUBLISHED: April 11, 1995 (19950411)

INVENTOR(s): WAKAO KAZUUNE

FUJINAMI MASATAKA

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 05-242388 [JP 93242388]

FILED: September 29, 1993 (19930929)

ABSTRACT

...CONSTITUTION: A keyboard 1, an **ID card reader** 2, a control part 3, a **picture** display part 4, a file device 5, an output device 6, a host 7 and...

16/3,K/47 (Item 47 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

03791573 **Image available**

RADIATION PICTURE READER

PUB. NO.: 04-156673 [JP 4156673 A]

PUBLISHED: May 29, 1992 (19920529)

INVENTOR(s): OTSUKA MASAOKI

APPLICANT(s): FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or

Search Report from Ginger R. DeMille

Corporation), JP (Japan)
APPL. NO.: 02-282332 [JP 90282332]
FILED: October 20, 1990 (19901020)
JOURNAL: Section: P, Section No. 1423, Vol. 16, No. 448, Pg. 53,
September 17, 1992 (19920917)

ABSTRACT

... To easily obtain the correspondence of image information with subordinate information by providing a card **image reader**, reading the subordinate information described on an **ID card**, and obtaining an image signal...

16/3,K/48 (Item 48 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03508355 **Image available**
PASSPORT ISSUING DEVICE AND COLLATING DEVICE

PUB. NO.: 03-171255 [JP 3171255 A]
PUBLISHED: July 24, 1991 (19910724)
INVENTOR(s): KOSHIBA YOSHIHITO
TANAKA MASAKI
APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 01-312026 [JP 89312026]
FILED: November 29, 1989 (19891129)
JOURNAL: Section: P, Section No. 1267, Vol. 15, No. 420, Pg. 46,
October 24, 1991 (19911024)

ABSTRACT

... identification information is recorded at the time of manufacture, an operation key 12 inputting a **passport** number, an **image scanner** 13 inputting information on the person himself who has the passport, the optical card read...

16/3,K/49 (Item 49 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

03399258 **Image available**
AUTOMATIC INVESTIGATION DEVICE AND GATE AUTOMATIC OPENING/CLOSING SYSTEM

PUB. NO.: 03-062158 [JP 3062158 A]
PUBLISHED: March 18, 1991 (19910318)
INVENTOR(s): MIYATA KUNIO
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-292509 [JP 89292509]
FILED: November 13, 1989 (19891113)
JOURNAL: Section: P, Section No. 1210, Vol. 15, No. 218, Pg. 163, June 04, 1991 (19910604)

ABSTRACT

... When an incoming or outgoing person 10 comes into a passage 11 and sets an **identification card** 1 into an **image scanner** 26, read personal data is sent to a character recognizing part 25. The recognizing part...

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16/3,K/50 (Item 50 from file: 347)

DIALOG(R)File 347:JAPIO

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03009368

SYSTEM FOR DISPLAYING FIGURE OF BOOK OR THE LIKE USING BAR CODE AND LASER DISK

PUB. NO.: 01-306968 [JP 1306968 A]
PUBLISHED: December 11, 1989 (19891211)
INVENTOR(s): ORII HIROTAKE
APPLICANT(s): ORII HIROTAKE [000000] (An Individual), JP (Japan)
APPL. NO.: 63-136667 [JP 88136667]
FILED: June 04, 1988 (19880604)
JOURNAL: Section: P, Section No. 1012, Vol. 14, No. 101, Pg. 167,
February 23, 1990 (19900223)

ABSTRACT

...printed on a book and the printed bar codes are scanned by means of a remote control bar code scanner and, at the same time, the picture corresponding to the bar codes is displayed on a monitor from a laser disk on which the picture, etc., are previously recorded. When the figure, etc., of the book are not printed on...

16/3,K/51 (Item 51 from file: 347)

DIALOG(R)File 347:JAPIO

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02856678 **Image available**

ELECTRONIC FILING SYSTEM

PUB. NO.: 01-154278 [JP 1154278 A]
PUBLISHED: June 16, 1989 (19890616)
INVENTOR(s): BABA KAZUYUKI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 62-312968 [JP 87312968]
FILED: December 10, 1987 (19871210)
JOURNAL: Section: P, Section No. 933, Vol. 13, No. 422, Pg. 108,
September 20, 1989 (19890920)

ABSTRACT

... image data and outputs the FAX. In a registering process, the node 4 inputs the document ID and reads the document image data out of a scanner 12 to give a write instruction to a node 1. Thus the image data is...

16/3,K/52 (Item 52 from file: 347)

DIALOG(R)File 347:JAPIO

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02361770 **Image available**

PERSONAL COLLATION RECOGNITION SYSTEM

PUB. NO.: 62-278670 [JP 62278670 A]
PUBLISHED: December 03, 1987 (19871203)
INVENTOR(s): HOSHINO YUKIO
IMAHORI YUJI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP

Search Report from Ginger R. DeMille

(Japan)
APPL. NO.: 61-120229 [JP 86120229]
FILED: May 27, 1986 (19860527)
JOURNAL: Section: P, Section No. 704, Vol. 12, No. 166, Pg. 27, May
19, 1988 (19880519)

ABSTRACT

... and sends the result of this collation to a terminal equipment 5. Then the fingerprint **image** received from the **scanner** 1 is sent to an **ID card** device 4 via the collator 3. The device 4 contains a function to print the...

16/3,K/53 (Item 53 from file: 347)
DIALOG(R)File 347:JAPIO
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02185460 **Image available**
IDENTIFICATION CARD SYSTEM

PUB. NO.: 62-102360 [JP 62102360 A]
PUBLISHED: May 12, 1987 (19870512)
INVENTOR(s): TSUBOI NOBUYOSHI
MIYAMOTO NORIFUMI
ANDO HISASHI
IKUTA ISAO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 60-241483 [JP 85241483]
FILED: October 30, 1985 (19851030)
JOURNAL: Section: P, Section No. 625, Vol. 11, No. 311, Pg. 106,
October 12, 1987 (19871012)

ABSTRACT

... information characteristic to the holder, i.e. fingerprint, face, signature, etc., are inputted from the **image input device**, processed, and recorded on the **identification card** 1. When a card user is verified and confirmed, the image information recorded on the **identification card** is read out by an **image reader**. Then, the **image input device** installed where the right is exercised inputs **image** information on the card user, e.g. fingerprint to a memory temporarily, and compares the...

16/3,K/54 (Item 54 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02061981 **Image available**
ID CARD AND ITS COLLATOR

PUB. NO.: 61-276081 [JP 61276081 A]
PUBLISHED: December 06, 1986 (19861206)
INVENTOR(s): ENOMOTO NAOHIRO
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 60-117814 [JP 85117814]
FILED: May 31, 1985 (19850531)
JOURNAL: Section: P, Section No. 572, Vol. 11, No. 137, Pg. 80, May
02, 1987 (19870502)

ABSTRACT

...in form of a digital data, and stores it in the ROM element in the **ID card** . When this **ID card** is inserted in the collator 20a, a card **reader** device 12a takes out the fingerprint **image** data stored in the ROM element in the **ID card** . In the mean time, when a fingerprint is stamped on a roll sheet, a fingerprint...

16/3,K/55 (Item 55 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02003779 **Image available**
PICTURE COLLATION SYSTEM

PUB. NO.: 61-217879 [JP 61217879 A]
PUBLISHED: September 27, 1986 (19860927)
INVENTOR(s): YASUDA AKIRA
AKIYAMA KAZUHISA
NAKAO HISASHIGE
APPLICANT(s): MATSUSHITA ELECTRIC WORKS LTD [000583] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 60-060002 [JP 8560002]
FILED: March 25, 1985 (19850325)
JOURNAL: Section: P, Section No. 548, Vol. 11, No. 52, Pg. 36,
February 18, 1987 (19870218)

ABSTRACT

...to be collated in the form of an ID card. Then the owner of the **ID card** 1 puts the card 1 into a card **reader** 3. The **reader** 3 reads the **picture** data written on the card 1 and restored them to the prescribed picture data through...

16/3,K/56 (Item 56 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

01546174 **Image available**
FINGERPRINT COLLATING INPUT DEVICE

PUB. NO.: 60-024674 [JP 60024674 A]
PUBLISHED: February 07, 1985 (19850207)
INVENTOR(s): HAYASHI TAKANARI
IHARA KOICHI
FURUMURA FUMINOBU
HONMA KOICHI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 59-134343 [JP 84134343]
FILED: June 29, 1984 (19840629)
JOURNAL: Section: P, Section No. 366, Vol. 09, No. 148, Pg. 21, June 22, 1985 (19850622)

ABSTRACT

...CONSTITUTION: When a person to be inspected inputs an **ID card** 1a on which his own comparison use fingerprint **picture** has been mentioned, to a card **reader** 1, a fingerprint file retrieving device 2 retrieves a digital fingerprint picture of the person...

16/3,K/57 (Item 57 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00450375 **Image available**
AN AUTOMATED DOCUMENT PROCESSING SYSTEM USING FULL IMAGE SCANNING
SYSTEME AUTOMATISE DE TRAITEMENT DE DOCUMENTS A LECTURE OPTIQUE PLEIN CADRE
Patent Applicant/Assignee:
CUMMINS-ALLISON CORP,
Inventor(s):
JONES John E,
JONES William J,
MENNIE Douglas U,
JONES Paul A,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9840839 A2 19980917
Application: WO 98US4664 19980311 (PCT/WO US9804664)
Priority Application: US 97814978 19970311
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU
ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
TD TG
Publication Language: English
Fulltext Word Count: 66302
Fulltext Availability:
Claims

Claim
... time, from said
input receptacle to said output receptacle along a transport path;
a full **image scanner** for evaluating and **identifying** said **documents**
, said full **image scanner** including a detector positioned along said
transport path between said input
receptacle and said output...

16/3,K/58 (Item 58 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00402992 **Image available**
COMPUTER SYSTEM LINKED BY USING INFORMATION IN DATA OBJECTS
SYSTEMES INFORMATIQUES RELIES PAR L'UTILISATION D'INFORMATIONS CONTENUES
DANS DES OBJETS DE DONNEES
Patent Applicant/Assignee:
DIGIMARC CORPORATION,
RHODAS Geoffrey B,
Inventor(s):
RHODAS Geoffrey B,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9743736 A1 19971120
Application: WO 97US8351 19970516 (PCT/WO US9708351)
Priority Application: US 96649419 19960516; US 96746613 19961112
Designated States: AU CA JP US US AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE

Search Report from Ginger R. DeMille

Publication Language: English
Fulltext Word Count: 63514

Fulltext Availability:

Detailed Description

Detailed Description

... and the central network match, in this embodiment, the network sends the OK to the **reader** , indicating a legitimate or unaltered **photo ID document** .

In another embodiment, the photograph component 1010 of the identification document 1000 may be digitized...

16/3,K/59 (Item 59 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00401169 **Image available**

APPARATUS AND METHOD FOR REMOTE SPIROMETRY

APPAREIL ET PROCEDE DE TELESPIROMETRIE

Patent Applicant/Assignee:

CARD GUARD SCIENTIFIC SURVIVAL LTD,
GEVA Jacob,
TRACHTENBERG Leonid,
YAKIREVITCH Sergey,

Inventor(s):

GEVA Jacob,
TRACHTENBERG Leonid,
YAKIREVITCH Sergey,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9741913 A1 19971113

Application: WO 97IL152 19970508 (PCT/WO IL9700152)

Priority Application: IL 118191 19960508

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN GH KE LS
MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7114

Fulltext Availability:

Detailed Description

Detailed Description

... digital signal.

According to another aspect of the invention the output unit further includes a **video camera** for detecting **images** of a second user producing the respiration and the **remote input unit** further comprises a display for displaying the images of the second user.

According to another...

16/3,K/60 (Item 60 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00364028 **Image available**

POSTAGE AND PHOTO VENDING APPARATUS

APPAREIL DISTRIBUTEUR DE PHOTOGRAPHIES ET D'AFFRANCHISSEMENT

Patent Applicant/Assignee:

CHUMBLEY Gregory R,

Inventor(s):

CHUMBLEY Gregory R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9704353 A1 19970206

Application: WO 95US11877 19950918 (PCT/WO US9511877)

Priority Application: US 95502483 19950714

Designated States: BR JP MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4455

Fulltext Availability:

Detailed Description

Detailed Description

... the applicantfs receipt, which may be read into the host computer by a bar code **reader** device. After the **passport photo image** file has been created and receipts issued to the user, the display means may solicit...

16/3,K/61 (Item 61 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00326276 **Image available**

LOW COST REMOVABLE PLATEN FOR FINGERPRINT IMAGING DEVICE

PLAQUE-SUPPORT AMOVIBLE DE FAIBLE COUT POUR DISPOSITIF DE NUMERISATION D'EMPREINTES DIGITALES

Patent Applicant/Assignee:

IDENTICATOR TECHNOLOGY,

Inventor(s):

KEAGY Martin John,

PINKHASIK Naum,

MUZEL Alexandr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9608786 A1 19960321

Application: WO 95US11427 19950905 (PCT/WO US9511427)

Priority Application: US 94308098 19940916

Designated States: BR CA CN JP KR MX RU AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 8879

Fulltext Availability:

Claims

Claim

... comprising:

placing a portable fingerprint platen included as part of the structure of a credit **card**, **identification card** or **passport** on a direct fingerprint **reader**

imaging device which does not have its own platen;

placing a finger or other fingerprint bearing...

16/3,K/62 (Item 62 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00314410

**APPARATUS AND METHOD FOR GENERATING PRODUCT COUPONS IN RESPONSE TO
TELEVISED OFFERS
PROCEDE ET APPAREIL GENERANT DES BONS DE REDUCTION DE PRODUIT EN REPONSE A
DES OFFRES TELEVISEES**

Patent Applicant/Assignee:

JONES Charles P,

Inventor(s):

JONES Charles P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9532563 A1 19951130

Application: WO 94US14664 19941220 (PCT/WO US9414664)

Priority Application: US 94248484 19940524

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU

JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE

SI SK TJ TT UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC

NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6821

Fulltext Availability:

Claims

Claim

... to said

embedded token identifier, said token packet including token information;
displaying said received video **imagery** at said **remote** site;

1 2 **monitoring** a user **input device** at said **remote** sit to detect a
user input

during a second predetermined time period; and

outputting said...

16/3,K/63 (Item 63 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00303986 **Image available**

**METHODS AND APPARATUS FOR REMOTE MONITORING AND CONTROL OF AUTOMATED VIDEO
DATA SYSTEMS
PROCEDES ET APPAREILS DE SURVEILLANCE ET DE COMMANDE A DISTANCE DE SYSTEMES
AUTOMATISES DE DONNEES VIDEO**

Patent Applicant/Assignee:

COGNEX CORPORATION,

vanMOURIK Winfred G,

SHILLMAN Robert J,

Inventor(s):

vanMOURIK Winfred G,

SHILLMAN Robert J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9522137 A1 19950817

Application: WO 95US180 19950103 (PCT/WO US9500180)

Priority Application: US 94193692 19940208

Designated States: AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR

KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US UZ VN AT BE CH

DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE

SN TD TG

Search Report from Ginger R. DeMille

Publication Language: English
Fulltext Word Count: 5522

Fulltext Availability:
Detailed Description

Detailed Description

... in windows 72 and 70. Specifically, the position marker 74 can be manipulated with the **remote input device** 30 to mark select portions of the **image** displayed by the VP14 on the **monitor** 18.

The processing application that is being developed to process the video image can be...

16/3,K/64 (Item 64 from file: 349)
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00231226

TRANSACTION DOCUMENT READER
LECTEUR DE DOCUMENTS DE TRANSACTION

Patent Applicant/Assignee:

VIDEO LOTTERY TECHNOLOGIES INC,

Inventor(s):

HOOD Ernest J,
MACHNIK Patrick R,
PETERSEN Bruce L,
SELDEN Joseph C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9305480 A1 19930318

Application: WO 92US7260 19920827 (PCT/WO US9207260)

Priority Application: US 91771 19910829

Designated States: AU BB BG BR CA CS FI HU JP KP KR LK MG MN MW NO PL RO RU
SD AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE BF BJ CF CG CI CM GA GN
ML MR SN TD TG

Publication Language: English

Fulltext Word Count: 19509

Fulltext Availability:
Detailed Description

Detailed Description

... U.S. Patent No. 4,724,307 to Dutton et al. discloses a marked card **reader**. The **reader**, as best understood, **images** an entire marked **card** and utilizes **identification** marks thereon to identify the type of card being read and 30 various baseline information...

16/3,K/65 (Item 65 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00229322 **Image available**

A PUBLIC ACCESS FACSIMILE SYSTEM
SYSTEME DE TELECOPIE A ACCES PUBLIC

Patent Applicant/Assignee:

TELEMOND (H K) LTD,
CARMON Amiram,

Search Report from Ginger R. DeMille

Inventor(s):

CARMON Amiram,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9303572 A1 19930218

Application: WO 92GB1451 19920805 (PCT/WO GB9201451)

Priority Application: IL 99084 19910805

Designated States: AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU

MG MN MW NL NO PL RO RU SD SE US AT BE CH DE DK ES FR GB GR IE IT LU MC

NL SE BF BJ CF CG CI CM GA GN ML MR SN TD TG

Publication Language: English

Fulltext Word Count: 5527

Fulltext Availability:

Detailed Description

Detailed Description

... and the applicability thereof is

3 not limited to facsimile machines,

A high resolution **monitor** 60 is preferably

5 provided for observation of a scanned **image** received

6 from **scanner** 30 or transmitted from a **remote** facsimile

7 machine.

Touch control of the apparatus of Figs. 1 and

9 2 is...

16/3,K/66 (Item 66 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00193619

SYSTEM FOR MANAGING DOCUMENT ENTRY AND FLOW USING DATA EXTRACTED BY MEANS
OF ELECTRONIC IMAGING

SYSTEME DE GESTION DE SAISIE ET DE CIRCULATION DE DOCUMENTS UTILISANT DES
DONNEES EXTRAITES PAR NUMERISATION ELECTRONIQUE D'IMAGES

Patent Applicant/Assignee:

DIGITAL IMAGE SYSTEMS CORP,

Inventor(s):

LEBRUN Thomas Q,

CAGE Kerry,

ARNOLD Dennis Dwane,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9110969 A1 19910725

Application: WO 91US187 19910109 (PCT/WO US9100187)

Priority Application: US 90411 19900116

Designated States: AT BE CA CH DE DK ES FR GB GR IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 16253

Fulltext Availability:

Claims

Claim

... data to

facilitate user interaction with the data, comprising:

(a) feeding documents through an optical

scanning device ;

(b) recording electronic **images** of **documents ;**

(c) **identifying document** formats and transaction

boundaries using identification areas ...b'# printing item sequence

Search Report from Ginger R. DeMille

numbers upon said
documents as said documents pass through
said optical **scanning device** ;
(c) recording electronic **images** of **documents** ;
(d) **identifying document** formats using
identification areas or identification
formats occurring by reference to geographic
location;
(e) extracting data fields from...upon said documents at or near the time
when
said documents pass through said optical
scanning device ;
(d) recording electronic **images** of **documents** ;
(e) **identifying document** formats using
identification areas or identification
formats occurring by automatic recogni
tion techniques;
(f) extracting data fields from...

?